

ROTC Program Faces Review

BUDGET pressures are forcing a new look at the nation-wide Reserve Officer Training Corps program.

Strong efforts are being made, particularly in the Bureau of the Budget, to cut ROTC strength.

If these efforts are pursued, a controversy is certain on Capitol Hill early in the post-election session.

The ROTC survey is involved in the President's request, made to Secretary of Defense Gates in January, for review of the Nation's total Reserve Forces resources. The JCS weeks ago completed a part of this study and the military findings were turned over to the office

—Continued on page 13

Searching Inquiry" On Modernization

Soviet Strength Compared, Page 28

THE Senate Preparedness Subcommittee has urged Secretary of Defense Gates to order a "searching inquiry" into modernization needs of the Army and Marine Corps.

Subcommittee Chairman Lyndon B. Johnson (D-Tex) said "The U. S. Army—numbered 2½ to 1 by Soviet land forces—is set up on paper to fight atomic warfare but is still equipped with outmoded weapons of World War II vintage."

The Subcommittee report is based on an investigation of Army needs, but notes that "modernization of the Army would also visualize a comparable program for the Marine Corps" which is a "vital

—Continued on page 11

MANDATORY COVERAGE:

Services Survey Auto Insurance

THE Department of Defense has prepared a draft directive which would require improved automobile liability insurance coverage for many Armed Forces members.

The directive and an accompanying report, now circulating among the Services for comment, are expected to be approved by the Defense Department this month. Before publication, it will be submitted to interested members of Congress. Among the major problems considered

—Continued on back page

U. S. Forces Lead Global Fight Against Malnutrition

THE U. S. Armed Forces are playing a major role in the fight against malnutrition throughout the world.

Under the leadership of Dr. Frank B. Berry, Assistant Secretary of Defense, a hand-picked team of physicians and other scientists are scouring less-developed areas around the globe to help millions of people live healthier and more useful lives and to strengthen their defense.

An extensive survey has just been completed in earthquake-racked Chile, where a JOURNAL reporter interviewed Dr. William Ashe, Professor of Preventive Medicine at Ohio State University. He led the survey team to every corner of that country before and in the midst of the recent earthquakes and tidal waves.

A 14-man survey team is beginning work in the wilds of Colombia. This fall another team will be sent to Thailand.

The nutrition surveys, an inexpensive

and highly effective way to raise living



Dr. Berry

standards in less-developed areas, are performed under the sponsorship of the DoD-led Interdepartmental Committee on Nutrition For National Defense.

Committee Chairman is Dr. Berry. Members include representatives from the State Department, Department of Agriculture, Department of Health, Education and Welfare, Atomic Energy Commission and International Cooperation Administration.

The committee—operating as part of President Eisenhower's People to People Program—has aided 15 countries at a total cost of only \$750,000.

Core of the committee's operation is a 10- to 20-man survey team, such as the one headed by Dr. Ashe in Chile.

In its investigations, Dr. Ashe's American team with their Chilean counterparts traveled to every corner of the Chilean countryside to develop an accurate picture of the basic nutritional needs and conditions of the population as they affect the health of the people. In their operation, team members gave complete physical examinations to more than 9,000 Chileans, who compose a representative

—Continued on page 23

AIR EVAC DEMISE PLANS RESCINDED

THE Air Force, under Defense Department pressure, has rescinded plans to kill the MATS Medical Air Evacuation System.

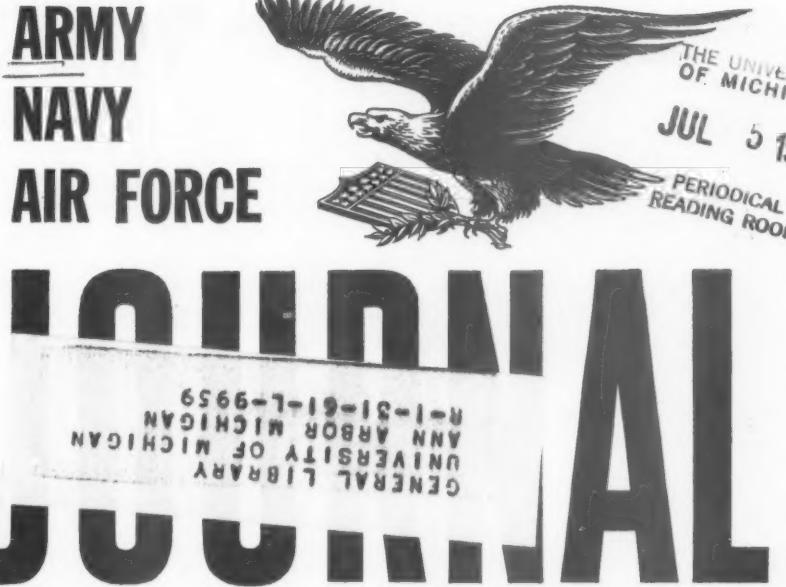
The plans called for phasing out of AirEvac within the ZI by 1963.

At present, the system is operating with about 18 planes, approximately one-third less than it had last year at this time.

As THE JOURNAL went to press, the Air Force had made no formal announcement of the AirEvac changes and would say only that the new program was "classified" as part of the total Air Force force structure.

Air Force officials did say, however, that current long-range plans do not envision the phasing out of AirEvac within the U. S. "in the foreseeable future."

The Air Force said it was ordered to maintain AirEvac by the Defense Department and had based its new plans directly on DoD directives.



SPOKESMAN OF THE SERVICES SINCE 1863

Washington, D. C., 2 July 1960

VOL. XCVII—NO. 44—WHOLE NO. 5058
Published at 1710 Connecticut Ave., N. W., Washington 9, D. C. Second class postage paid at Washington, D. C., and at additional mailing offices.

Published weekly, \$10.00 a year to organizations and civilians; \$7.50 a year to individual members of U. S. Armed Services.
SINGLE COPY 30 CENTS

Huachuca Is Proving Ground For A Second Century Of U. S. Army Signals Progress

By
MAJ. GEN. F. F. UHRHANE
CG, Army Electronic Proving Ground
Ft. Huachuca, Ariz.

IN a recent issue of *Army*, the British Scholar, Malcolm Mackintosh, discussed in some detail the probable Soviet Strategy in the event of all-out nuclear war. I would like to take, as a point of departure, one sentence from that article.

"This, as I see it, could well be the pattern for years of warfare . . . a series of mobile operations, in which both sides use the whole land and sea areas of the globe, carrying their supplies and fuel with them, to explore and probe, damaging the enemy wherever possible, while avoiding concentrations which might present a target for nuclear bombardment."

The implications of this statement are clear. In this era of powerful new weapons with tremendously increased ranges, dispersal and rapid movement of military forces over a large area is the key to survival and victory on the battlefield.

But we find, as we examine this new strategy of dispersal and mobility, several complicating factors. The de-

—Continued on page 14



M/G Uhrhane

AF WILL RETIRE 700:

'White Charger' To White House

(Navy "Hump" Action, Page 3)
CONGRESS has completed action on "White Charger" and sent the Career Officer Management Plan to the White House for the President's signature.

First Air Force continuation boards to be set up under the new law will be authorized to recommend involuntary retirement of an unlimited number of Regular colonels and lieutenant colonels who have at least 20 years' service and have been passed over for permanent promotion "more than twice."

Approximately 700 Regular Air Force
—Continued on page 8

COMMISSARIES ATTACKED:

O'Sea Housing Funds Killed

OVERSEAS family housing previously given a punishing blow by the House, has been killed in the Senate.

The Senate Appropriations Committee, reporting the fiscal '61 military construction funds bill, 24 June, "denied all of the Department of Defense requests for overseas housing and community support facilities."

The Committee also agreed with the House in refusing new commissaries requested by all of the Services.

In other areas, however, the Senate restored more than half of the \$302.8 million cut from the construction program by the House. The overall Senate

—Continued on page 25

ALL-SERVICE TASK:

Committee Seeks Disability Accord

UNIFICATION of Armed Forces disability retirement procedures is being planned by an all-Service committee headed by Capt. P. R. Engle of the Navy's Bureau of Medicine and Surgery.

The committee also will attempt to draft uniform standards for evaluation of Service members by Physical Evaluation Boards.

In a move to eliminate differences in Service personnel policies—another is an all-Service study of the Officer Personnel

—Continued on page 15

2100 FLYING OFFICERS HIT:

Budget Action Completed On Hill

THE Services will be forced to remove about 2100 officers from active flying status under terms of the fiscal '61 military appropriations bill, approved by House-Senate conferees.

The budget for the fiscal year, which began 1 July, totals about \$40 billion, almost \$800 million more than the President requested.

Major increases were provided for Army modernization, the B-70, airlift, an airborne alert, and a number of satellite programs.

Major cuts included a \$400 million, across-the-board reduction in procurement funds for all of the Services, elimination of all new money for the Bomarc program, an \$18.6 million cut in funds for departmental administration, a \$57 million cut in travel money, and a \$20 million reduction in maintenance funds

—Continued on page 3

ORDERS INDEX

Army, Page 5; Marine Corps, Page 6; Navy, Page 7; Air Force, Page 8; Coast Guard, Page 20.

Handgun Manual Available At Benning

A new 30-page manual on the art of handgun shooting is available from the Army Advanced Marksmanship Unit Headquarters at Ft. Benning, Ga.

The manual explains in laymen's language such subjects as pistol marksmanship fundamentals, preliminary procedures, shot analysis and coaches' duties.

Each portion of the handbook was written by a highly qualified shooter-instructor from the AAMU. Basically, the written text included in the handbook is identical to the classroom lecture that AAMU shooter-instructors present during pistol and revolver clinics.

Of particular interest to the new shooter or coach is a chapter dealing with mental discipline written by Capt. Allyn L. Clark.

The manual also contains information on physical conditioning and the value of a well-developed, properly conducted physical training program, by Lt. Col. Lloyd C. Hummert, Officer in Charge of the Army Pistol Squad.

The new handbooks for pistol shooters and coaches will be distributed at all clinics conducted by the Advanced Marksmanship Unit. In addition, copies of the book may be obtained by submitting requests to the commander of the U. S. Army Advanced Marksmanship Unit. Applications must contain a statement of need for the manual and the use intended for it.

Airman Stapper Sets Rifle Record



AIRMAN First Class Paul H. Stapper, a member of the Air Force High Power Rifle Team, set a new national record in the recent San Antonio Big Bore Rifle Match when he fired a 292-24, bettering the former record of 291-24, set in 1959 by A2C Fenton E. Stewart, also stationed with the USAF Marksmanship School at Lackland AFB, Tex.

During the firing of the All-Air Force High Power Rifle Championships, Airman Stapper emerged as the best individual rifleman with a score of 974-76. This score was piled up over a four-day period as the best shooters in the Air Force, from all major air commands, blazed away at the targets at both 200 and 600 yards.

While competing on the National Match Course earlier this year, Airman Stapper shot the highest score ever fired in the Air Force—250-33. He is the second man in the Air Force to fire a perfect score on that course.

Another notch in his shooting belt is the fact that he has the only gold National Rifle Match medal in the Air Force. Included in the list of his 1960 winnings is the championship in the Far Southwest Regional Match.

Airman Stapper, who entered the Air Force in 1956, began shooting in 1958. He went from sharpshooter to marksman in the shortest possible time, after he had fired his first 100 shots down the range. His Distinguished Rifle Badge was awarded to him in 1959.

He is shown above receiving his trophy from Brig. Gen. Dwight C. Montheith, Chief of Staff, Air Training Command CofS.

Col. Maung Of Burma Visits USAF Academy



COL. Maung Maung, Director of Military Training, Burma Defense Forces, looks over a copy of the U. S. Air Force Academy's 1960-61 catalog with Col. D. J. Rogers, Academy CofS.

Accompanying Colonel Maung Maung were Col. Tun Sein, Commanding Officer of the 9th Infantry Brigade, and Maj. Maung Maung Kha, Director of Defense Industries. The Burmese officers will return to their home country via Europe on 23 July after visiting 12 U.S. military installations.

Marines Tell NCO Promotion Plans

The tentative Fiscal Year 1961 staff NCO selection board schedule has been announced by Marine Corps Headquarters.

The first board is due to meet 11 July to select staff sergeants and acting gunnery sergeants (E-6) for promotion to gunnery sergeant (E-7).

On 19 September, a board is scheduled to convene to select Marines for promotion to the E-9 grades of sergeant major and master gunnery sergeant and to the E-8 grades of first sergeant and master sergeant.

A third board is due to meet 10 October to select sergeants and acting staff sergeants (E-5) for promotion to staff sergeant (E-6).

The board to select E-8's and E-9's is expected to be in session about 12 weeks, the E-6 to E-7 board about eight weeks, and the E-5 to E-6 board about 10 weeks.

Proficiency Pay For Marines

Second-step proficiency pay of \$60 a month will be awarded to approximately 1,444 Marines in 25 "most critical" MOS's beginning 1 January.

The P-2 payments, first to be authorized by the Marine Corps, will go to personnel in grades E-4 through E-6 who have drawn P-1 pay of \$30 a month for at least six months immediately prior to the date P-2 is awarded.

New AF Reserve Four Plan Faces 1 January 1961 Deadline

SWIFT action will be required to implement completely the new management plan for the Air Force Reserve by the established target date of 1 January 1961.

This was told to a special pre-convention meeting of the Reserve Officers Association 28 June by Col. William F. McNeil, Chief of the Plans and Policy Group in the Office of the Assistant CofS for Reserve Forces.

Colonel McNeil presented the detailed plan for Air Reserve Forces management, approved 17 May by Air Force CofS.

The plan transfers responsibility for training and inspection of Air National Guard and Air Reserve units from the Continental Air Command to the major Air Force commands which will use these units in time of emergency.

The objective force structure envisioned for the Reserve Forces, Colonel McNeil said, provides for the maintenance of the 142-squadron Air National Guard and Air Force Reserve Flying Program, with continued modernization of aircraft as they become available from the active Air Force.

RAdm. Martin Will Replace B/G Steinbach; Carrier Division For RAdm. Miller

RAdm. William I. Martin, USN, Commander, Carrier Division Nineteen, will become Deputy Chief MAAG, Germany, in September.

He will relieve Brig. Gen. Richard Steinbach, USA, who moves up to the post of Chief, MAAG, Germany.

RAdm. Frank B. Miller, presently Assistant CNO (General Planning), has received orders to become Commander, Carrier Division Three in August. He will relieve RAdm Andrew M. Jackson, Jr., who reports in September as Commander, Middle East Force, relieving RAdm. James R. Lee. Admiral Miller will be relieved in his present assign-

ment by RAdm. Ephraim P. Holmes. RAdm. Charles K. Bergin, Commandant Mine Force, Pacific Fleet, has received orders to become Commander, Operational Test and Evaluation Force. He relieves RAdm. William D. Irvin, who has been appointed as Chief of the newly established Defense Communications Agency, in July, has already been announced. Relieving Admiral Bergin in his present assignment will be RAdm. Frederick J. Becton, who will assume the Middle East Force command post as an additional duty assignment, together with his present assignment as Commander, Cruiser Division Five.

Academy Prep School Helps Many

The U. S. Military Academy Preparatory School at Ft. Belvoir, Va., completed its academic year recently after helping 117 soldiers and airmen qualify for admission to either West Point or the U. S. Air Force Academy.

Forty seven % of those who attended the School in hopes of entering West Point were accepted and 40% of those seeking admission into the Air Force Academy were accepted.

Eighty seven of 185 men seeking entrance into West Point were accepted following nine months of study and physical training at the Prep School. Thirty of 75 men applying for appointments to the Air Force Academy were accepted.

The 1960-61 class will report 15 August.

ARMOR AWARD

A trust fund for recognizing outstanding leadership in the Armor branch has been established.

Known as the Draper Combat Leadership Trust Fund, it will pay for annual awards to tank companies, tank troops or Armored Cavalry troops. It will also provide individual awards to selected students of the U. S. Army Armor School upon their graduation, based upon demonstrated professional proficiency and leadership.

A "One Army" concept competition, it is open to the Active Army, Army National Guard and Army Reserve. Selection will be based on performances in calendar year 1961 and annually thereafter.

Details are outlined in AR 62-73.

Army WWII Signal Corps Veteran Will Be First ARDC Chief Scientist

A WWII Army Signal Corps veteran, Arthur G. Wimer, Jr., has been named to the newly established position of Chief Scientist for Air Research and Development Command it is announced by Lt. General B. A. Schriever, Commander.

The Chief Scientist position was established to enhance the spirit of teamwork between the 23,000 ARDC civilians and their 21,000 military co-workers, according to General Schriever. Almost 4,500 professional engineers and scientists are included in the civilian force.

Mr. Wimer was one of a select group engaged in installing, testing, and providing instruction on newly-developed airborne electronic equipment during WWII. Immediately after the war he accepted a position as a radio engineer with Watertown Laboratories, AMC, which was at that time the R&D agency of the Air Force.

Recalled to active military duty in 1951, he became Chief of the Air Defense Branch, Radar Division, for ARDC Headquarters. Since his discharge from the Air Force in 1953, he has held the following positions in ARDC: Technical Director, Office of Air Defense Development Planning; Technical Director for the Department of Defense; Commander/Weapons Systems; Assistant Director of Research, Development and Engineering; and Assistant to the Deputy Chief of Staff/Research and Engineering.

Mr. Wimer is married to the former Helen Irene Bell. They have a son, Arthur III, age 12, and a daughter, Gilda, 6.

New AF Reserve Four Plan Faces 1 January 1961 Deadline

There will be only minor change in the present 143-unit Reserve Forces non-flying program.

For the Air National Guard the principal change will be the deletion of one Tactical Control Group, and the addition of one communications group and four Ground Electronics Engineering Squadrons.

Principal change in the non-flying program, will be the establishment of 82 new Recovery Groups in support of the Strategic Air Command.

No manning strength has been announced by the Air Force for these Recovery Units, which will be scattered at civilian airports throughout the country to provide emergency service for "homeless" SAC bombers.

To carry out its mission in support of the Air Force Reserve, the Continental Air Command will establish six ZI regions, corresponding with the six Army regions within the U. S. As the regions are activated during the next three months, the 4th, 10th and 14th Air Force Headquarters will be deactivated.

Beginning in September, the first six new base support groups and first six Recovery Groups, one in each region, will be established.

Establishment of the remaining 143 support groups and 76 Recovery Groups will begin after 30 June 1961. Each of the support groups will be assigned to an inspection and training to a major command other than ConAC. All Recovery Groups will be trained by the Continental Air Command.

Under the plan, ConAC will continue to command the Air Force Reserve units and to provide administrative, logistic, budgetary and personnel support. Training and inspection will be supervised by the major commands to which units of the Reserve and National Guard units will be assigned in an emergency.

Capt. Arrington Is CofS

Capt. Charles B. Arrington has been appointed to the Commander, Third Coast Guard District, New York, as CofS. He is the Deputy Commander, Eastern Area.

He succeeds Capt. Marius DeMarie, who becomes Commanding Officer of the Coast Guard Training Station at Grays Harbor, Conn.

Captain Arrington had been CofS of the Second Coast Guard District in St. Louis, since June 1959.

Taiwan MAAG Chief, AEC Director Win Second Star In Late Session List

PRESIDENT Eisenhower sent to Congress on 28 June the nominations of eight Army brigadier generals to be temporary major generals and nine colonels for temporary one-star rank.

The list to major general is headed by Chester A. Dahlen, who will be Chief of the MAAG Taiwan, and includes Alfred D. Starbird, Director of the Division of Military Applications of the Atomic Energy Commission.

Others nominated for temporary major general and their present or proposed assignments are:

Robert Hackett, CG 1st Region ARADCOM, Ft. Totten, N. Y.

Carl W. Tempel, Chief, Professional Division, OTSG.

George R. Mather, CofS, 4th Army, Ft. Sam Houston, Tex.

Van H. Bond, Dir. of Manpower Management, DCSPER.

Gunnar C. Carlson, Chief Industrial Division, CofOrd.

Edgar C. Doleman, ACofS, G-2, USARPAC, APO 958, SF.

Nominated for brigadier general were:

Andrew J. Boyle, President, Armor Board.

Col. John Caughey, Hq, Eighth US Army, APO 348, SF.

Selwyn D. Smith, jr., Arty Cmdr, 4th Army Div, USAREUR APO 326, NY.

Robert E. Blount, Hq Brooke AMC, Ft. Sam Houston.

Ferdinand T. Unger, Arty Cmdr, 3d Inf Div, USAREUR, APO 36, NY.

Charles Billingslea, Hq, EUSA, APO 301, SF.

John H. Daly, CG, 52d Arty Brig (AD), Ft. Wadsworth, New York.

David W. Hiester, CG, Ord Tng Comd, Aberdeen PG.

Alexander D. Surles, jr., Hq, USA Inf Center, Ft. Benning, Ga.

Back In Harness After Nine Years



MAJ. GEN. Ben Harrell, new 101st Airborne Division Commander at Ft. Campbell, Ky., is shown after making his first parachute jump in nearly nine years. A Senior Parachutist, he jumped from an Army L-20 aircraft, followed by Col. Robert H. Safford, CofS; Lt. Col. S. H. Matheson, and aide-de-camp, 1st Lt. Ronald C. Crowley.

The 101st Commander, who received his jump wings at Ft. Benning, Ga., in 1949, had been Deputy CofS for Operations, Plans and Training, Continental Army Command, Ft. Monroe, Va.

Army Will Move AFB Nike Units

The Army will strengthen the air defenses of seven metropolitan areas by replacement of 15 Nike Ajax missile batteries with a similar number of Nike Hercules batteries.

Metropolitan areas which will gain the Nike Hercules units are: Washington-Baltimore, Los Angeles, Philadelphia, New York, San Francisco, Chicago, and Detroit.

The action was recommended by General Lawrence S. Kuter, CinC, Continental Air Defense Command, and was approved by the JCS and the Secretary of Defense.

Nike Hercules batteries presently located or planned for deployment at seven Air Force bases and Hanford, Wash., will be redeployed to the areas mentioned above. The Hercules batteries at Ellsworth AFB, S. D., and Hanford will be moved.

Nike Hercules defenses planned for Malmstrom AFB, Mont.; Minot AFB, N. D.; Mountain Home AFB, Idaho; Glasgow AFB, Mont.; Walker AFB, Roswell, N. M., and Schilling AFB, Salina, Kans., will not be activated.

CARIBOU CITATION

Lt. Col. Richard J. Allen, Caribou Aircraft Test Executive and Operations Officer, Army Infantry Center, Ft. Benning, Ga., has received the Army Commendation Medal.

He will attend the Air War College, Maxwell AFB, Ala.

Congress Rushes Emergency "Hump" Change; 192 Force-Outs Are Delayed

EMERGENCY legislation was rushed to completion on Capitol Hill this week to hasten the forced-retirement of 192 Navy and Marine Corps officers under the "Hump" Act. The House-passed measure cleared the Senate.

It corrects a "serious mistake" which the Navy said it made in recommending certain language in the original "hump" legislation.

The Comptroller General has construed the language (THE JOURNAL, 11 June) to apply to a large group of non-Academy officers to whom it was not meant to apply. The effect of the ruling has been to bar the forced-retirement of seven lieutenant commanders, many times passed over for promotion, and 154 commanders and 31 lieutenant colonels who were "selected out" under the "Hump" Act.

All of the officers were under orders for retirement on 30 June, but the Comptroller's ruling has delayed final action. It was doubtful that the legislation could be signed by the President in time to maintain the 30 June retirement date, although it appeared likely that the measure will become law within the next several days.



Environmental testing of Tarmac ASR-4 Airport Surveillance Radar System, developed and produced for the Federal Aviation Agency.

TI IN HEAVY RADAR SYSTEMS



TEXAS INSTRUMENTS
INCORPORATED
6000 LEMMON AVENUE • DALLAS 5, TEXAS

Final Budget Action Bars 2100 Officers From Flying Status; \$800 Million Added

From first page

for Wherry and Capehart family housing.

The conferees eliminated a Senate provision to boost the strength of the Marine Corps (together with money to pay for the increase); approved the Navy's \$293 million carrier, which had been eliminated by the House and restored in the Senate; authorized a mandatory manpower floor of 400,000 for the Army National Guard, but dropped the Senate's mandatory language for a floor of 300,000 in the Army Reserve; and approved a \$275 per-student limitation for Service-family education overseas.

The final amount approved for Army modernization is \$162 million above that requested by the President, plus \$120 million which will be made available from off-the-shelf sales to the Military Assistance Program (provided the sales materialize).

In limiting proficiency flying, the conferees set a ceiling of 99,046 on the number of officers who can be retained on flying status. This is 2500 more than the House had recommended and 316 less than the Senate had recommended. The Defense Department has until 1 January 1961 to effect the reduction. Many of the officers knocked off flying status will continue to draw flight pay if they have completed 20 years' as rated pilots.

Funds approved for the B-70 program include \$75 million asked by the President, plus \$190 million added by the conferees. This is \$95 million less than the Senate had provided, but the conferees gave the Air Force an additional \$100 million which it said can be used either for the procurement of fighter aircraft (either the F-101 or F-106) or, if not used for fighters, can be added to the B-70 program.

For the Bomarc program, the conferees restored \$244 million of the House cut in funds authorized by prior-year appropriations acts, but granted no new money.

A Senate addition of \$10 million for procurement of F-27 aircraft was eliminated in conference.

Restored by the conferees was a \$57 million attack submarine added by the House. Two others added by the House already had been approved by the Senate. The conferees agreed, however, to elimi-

nate \$50 million which the House had added for two destroyer escorts and which the Senate had rejected.

Funds for an airborne alert were boosted \$85 million above the President's \$85 million request, for a total of \$170 million.

For the Samos, Midas and Discoverer satellite programs, and the Minuteman program, the conferees added \$84.7 million to the President's request.

Airlift funds were boosted \$200 million above the President's requested \$50 million, and the conferees approved a separate "airlift modernization" bank account which had been recommended by the House. Chairman George H. Mahon (D-Tex) of the House Committee said the \$200 million in addition money is to be used for the procurement of turbo-prop or turbo-fan aircraft.

New Army Colonels

Five Army lieutenant colonels were promoted to temporary colonel in S.O. 135, effective 27 June.

They are Harold E. Beatty, CE; James B. Burkholder, FC; Henry C. Hatchell, TC; Theodore D. Perry, QMC; and Arthur H. Williams, jr., OrdC.

Army Promotes 25 To Lt. Colonel

The following 25 majors were promoted to temporary lieutenant colonel in S.O. 136, effective 28 June. They extend through No. 1116 in Circular 624-47, dated 9 March 1959.

Akers, Walter W. TC Parrish, E T. CE Cain, James W. Inf Phillips, H M. AI Clemons, Wm L. OrdC Deaux, Walter E. FC Erickson, P Q. Arm Frauenhalm, W G. Jr. AGC Richardson, D H. Arty Ripley, R M. Arm Sembach, Leon. Arty Tuggee, Harold D. Inf Vaughn, C S. SigC Wedbush, O E. MPC Wood, Carroll H. CE Worthen, R D. OrdC Young, C F. Arty

Army's Air Arm Needs Budget Help; Committee Reports Shortage

ARMY aviation needs are spelled out in detail in a newly issued Senate Preparedness Subcommittee report calling for a review of Army "modernization" requirements.

Here is what the committee said about Army aircraft:

"The mission of Army aviation is to increase the capability of the Army to move, shoot, communicate, and supply itself on the battlefield. To accomplish

AIR DATES

On 2 July 1928 the Air Corps Act became law, and the Air Service was redesignated the Air Corps.

On 3 July 1915 Lt. B. Q. Jones became the first American military officer to loop an airplane.

this mission the aircraft and aviation personnel are integrated into combat and combat support units so that organic Army aviation will be instantly responsive against the enemy in fully exploiting the capabilities of the airplane and the helicopter for observation, target acquisition, reconnaissance, air lift and movement of troops and supplies in the combat zone.

One of the principal objectives of the program is to equip the Army with a family of modern aircraft consisting of the minimum number of types and models in order to reduce their cost of procurement, operation and maintenance. The types of aircraft are being reduced from 17 to 7."

Four new modern aircraft—the Caribou, Chinook, Iroquois and Mohawk—are being funded in the 1961 budget "at minimum sustaining production rates. At this low rate of production the quantities to be procured will not modernize the Army effectively for several years.

The additional essential aircraft requested by the Army would increase procurement and accelerate the modernization of the Army particularly in Europe, Alaska, the Far East, and high-priority Strategic Army Corps units such as the 82d and 101st Airborne Divisions."

More Iroquois Required

The committee said the Iroquois helicopter "is urgently needed to replace the

aging Choctaw H-19 in the infantry, armored and airborne divisions. It will be capable of carrying suppressive fire weapons with a sufficient supply of ammunition or SS-11 antitank guided missiles without sacrificing its speed or airlift capabilities. . . . Although a few Iroquois are included in the fiscal year 1961 budget, 62 more are required at this time to expedite modernization of the Army."

Caribou Needs Told

The Caribou, the committee noted, "is a new organic airlift aircraft. It will more than double the capability of fixed wing tactical transport companies as it can lift more than twice as much as the older Otter."

"The Army has five fixed-wing tactical transport companies in the field today

should be bought now over and above the 1961 budget."

"The Chinook helicopter is being developed and produced to fill the vital requirement for a transport helicopter to move troops, missiles, and equipment into combat where airfields, landing strips, or landing areas are not available to permit employment of the Caribou transport airplane.

Chinook Shortages

"As the newest Army helicopter it is designed to transport the Pershing missile and will provide instantly responsive airlift within the battle area for small numbers of troops or high priority cargo."

"So far the Army has contracted for only five production aircraft. The Army considers 30 times this number are needed

to replace older models now in use. Eighteen are in the fiscal year 1961 budget and the Army believes it should have six more to get this program successfully underway."

Six More Mohawks

"To complete the family of aircraft sorely needed by the Army is the Mohawk. It is an observation, target-acquisition, and aerial-surveillance aircraft. It is required to locate the targets for the new Army surface-to-surface missiles and longer range artillery."

"It will enable the divisions and regiments to which it is assigned to observe the enemy during periods of reduced visibility and at night by means of a photographic, infrared, and airborne side-looking radars now being developed for the Mohawk." The committee noted that 54 Mohawks are included in the fiscal year 1961 budget, and the Army "desires six additional to meet its minimum active Army requirement for the Mohawk at this time."

Belvoir Unit Tests

New T-118 Tank

A T-118 tank has been assigned to the 91st Engineer Battalion (Combat) at the Army Engineer Center, Ft. Belvoir, Va.

Equipped with an "A" frame-type boom, hoist, and a bulldozer blade, the T-118 will be used for reducing bunkers, removing obstacles, and construction on the battle line. The vehicle is provided with attachments for handling and operating mine-demolition devices.

The tank's primary armament is a turreted-mounted cannon. Its secondary armaments are a 30 caliber machine gun and a 50 cal. cupola-mounted machine gun. When loaded for combat, the tank weighs 52,900 pounds. It is powered by a 560 horsepower, air-cooled engine.

Tests of the vehicle by the Engineering Test Unit should be completed by September. Sergeant Shirley Runion is the tank's commander.

Colonel Turner Named For Debris Group

President Eisenhower sent to the Senate 27 June the nomination of Col. Herbert N. Turner, Army Corps of Engineers, to be a member and secretary of the California Debris Commission.

Colonel Turner will succeed Col. Howard A. Morris, CE, who will go to a new assignment.

Ft. Richardson Commander Gets Staten Island Duty

Col. E. M. Rowan, Ft. Richardson Commander, will leave Alaska this month for Ft. Wadsworth, Staten Island, N. Y.

A '32 USMA graduate, he served three years as an enlisted man before entering West Point.

With Colonel Rowan at Ft. Richardson is his wife, the former Eileen Boyle of Brooklyn, and three of their four sons, David and Michael, both 17, and Thomas, 15. Their oldest boy, Ed, is a cadet at the U. S. Military Academy.

Col. McLean Leaves Lewis For Pentagon G-1 Post

Col. John R. McLean, Executive officer of the 4th Infantry Division Artillery, has left Ft. Lewis, Wash. for duty in the office of the Deputy CofS, for Personnel at the Pentagon.

Colonel McLean USMA '40 commanded the 400th Armored Field Artillery whose guns supplied a protective umbrella of fire over the infantrymen who seized the famed Remagen Bridge in WWII.

THE CONTINGENCY PROTECTOR "Option Five"

Designed for the Officer who declined to elect an option under USCOA or who prefers the Controlled Flexibility of Life Insurance, the CONTINGENCY PROTECTOR is United Services Life's answer to the problem described to us by thousands of officers.

HERE'S HOW IT WORKS

Assume an Officer age 35, wife 32, youngest child 3, purchases "Option Five." His allotment of \$38.30 (less than converting \$12,500 of group at retirement) provides immediate coverage of \$28,650 increasing yearly to retirement age 50. If he dies before retirement the plan provides a lump sum of \$10,000 and, after Social Security stops at child's age 18, \$200 a month to his widow until age 62 when her Social Security commences. Total benefits—\$46,000. If death occurs between retirement and his age 65 the \$10,000 and \$200 a month start immediately. If he lives, the plan is paid-up at 65, or much sooner by the use of dividends.

Issue Ages 31-45

UNITED SERVICES LIFE INSURANCE COMPANY
1625 Eye Street, N.W., Washington 6, D.C.

Please furnish details about your CONTINGENCY PROTECTOR Plan

Dates of Birth _____ Officer _____ Wife _____ Youngest Child _____

Years of Service _____ Phone _____

Name _____ Rank _____

Unit _____ State _____

If Flying—Cost of aviation coverage reduces each year—

Payable only to age 50!

B/G Hackett Takes Command

Brig. Gen. Robert Hackett, CG of the 56th Artillery Brigade (Air Defense), Ft. Banks, Mass., has been assigned as CG, 1st Region, Army Air Defense Command, Ft. Totten, N. Y., effective 30 June.

He succeeds Maj. Gen. Robert W. Berry, who died 1 April.

General Hackett, USMA '31, is married to the former Barbara Ann Albright of Leavenworth, Kans. They are the parents of three daughters, Cynthia Ann, 20, Judith Susan, 18, and Pamela June, 10. The General and his family will reside at 131 Weaver Ave., Ft. Totten.

Two Leave VII Corps

Col. Harry D. Hoskins, Jr., Engineer Officer, and Col. Robert D. Chapman, Chemical Officer, are leaving VII Corps in Germany.

Col. Hoskins will sail 15 July and will report to the Engineer Maintenance Center at Columbus, Ohio. He will be replaced by Col. Giles L. Evans, Jr., Chief of the Construction Division, Office of the Deputy CofS for Logistics.

Colonel Chapman became Seventh Army Chemical Officer 1 July. Col. John L. Carson, Executive Officer of the Office of the Assistant Chemical Officer, Department of the Army, will assume his duties.

WASHINGTON, D.C.

WHEN IN WASHINGTON

The You'll like

BURLINGTON HOTEL

10% Discount to Service Personnel

- Central Location
- Smart Lounge-Cafe
- TV
- Moderate Rates
- FREE PARKING
- Hudson S. Moses, Gen. Mgr.

1120 VERNON AVENUE

U. S. ARMY ORDERS

Wilber M. Brucker—Secretary of the Army
 Jack M. Milton, II—Under Secretary of the Army
 Avery Short—Assistant Secretary (Manpower & Reserve Forces)
 George H. Roderick—Assistant Secretary (Logistics)
 Richard S. Morse—Director, Research and Development
 General Lyman Lemnitzer—Chief of Staff

GENERAL OFFICERS—

Lt General

Gen. George W. Jr., is retired; 1 Aug.
Brig General

Gen. Willis A. retired on appl. 1 Jul.
 Gen. Frederick D. is retired, 1 Aug.

INFANTRY—

Colonel

Gen. Jesse R. Inf, Atlanta, Ga, to USA Elm MAAG, Vietnam, Saigon.

Lt Colonel

Gen. Allan L. Wash, DC, to Off Stu Det Hq & Hq Co, USALS, Presidio of Monterey, Calif.

Major

Gen. George F. Ft Benning, to Hawaii.
 Gen. Mario V. Ft Campbell, to USA ADGRU, Hawaii, Ft DeRussy, Hawaii.
 Gen. Gerald C. Ft Riley, to USA Instr Cen, St. Joseph's Mil Academy, Hays, Kans.

To Korea

Gen. Frederick C. Norfolk, Va.
 Gen. William K. Lewisburg, Pa.

Captain

Gen. Ralph T. Monterey, Calif, to First USA Stu Det Governors Is, w/sta Columbia, NY.

Gen. Wilbur M. 2d Charleston, SC, to USA USA Corps, Atlanta, Ga.

Gen. William J. Ft Leonard Wood, to USA Elm USMTMSA, Riyadh, Saudi Arabia.

Gen. Robert E. Hattiesburg, Miss, to USA Elm USMTMSA, Riyadh, Saudi Arabia.

Gen. Frederick C. Norfolk, Va.
 Gen. William K. Lewisburg, Pa.

Kioman, Curt C. Sacramento, to Hq Fifth USA, Chicago.
 Osborne, John R. Ft Ord, to Fifth USA Instr Gp Det 18, Univ of Wyoming, Laramie.
 Baker, Karl W. Ft Jackson, to Korea.
 Brennan, John P. Ft Holabird, to Off Stu Det Hq & Hq Co, USALS, Presidio of Monterey, Calif.

To USA ADGRU Korea, Yongsan

Kracht, Peter M. Ft Hood.
 Wiggins, Henry. Ft Benning.

To Germany

Dandridge, William M. Ft Bliss.
 Heald, George P. Ft Benning.
 Keys, James W. St Cloud, Minn.

1st Lieutenant

Hubbard, Robert V. Wash, DC, to 2d Inf Div, Ft Benning.
 Bryan, Clyde M. Jr. Ft Rucker, to Hq IV USA Corps, Birmingham, Ala.
 Nieder, William H. San Francisco, to Germany.

2d Lieutenant

Brown, Gary A. Ft Sheridan, to Off Stu Co, USAAVNS, Ft Rucker.

From Ft Rucker, to Station Indicated

Eggleston, Carl R. 2d USA Msl Comd, Ft Carson.

Hunt, James W. Jr. USATC Inf, Ft Ord.
 Benson, Frederick S. 3d, 82d Abn Div, Ft Bragg.

ARMOR—

Lt Colonel

Brennan, Bernard, Ft Riley, to ODCSOPS, USA, Wash, DC.

Major

Tribby, Charles H. Philadelphia, to Hq Second USA, Ft Meade.

Captain

Fisher, Emil, Jr. Winston-Salem, to Off Stu Det Hq & Hq Co, USALS, Presidio of SF. MacDougall, John B. Ft Knox, to Off Stu Det Hq & Hq Co, USALS, Presidio of Monterey, Calif.

Kozlowski, Stanley F. Ft Stewart, to Korea.

1st Lieutenant

Tear, Harry R. Jr. Ft Riley, to Off Stu Det Hq & Hq Co USALS, Presidio of Monterey.

New Duty For B/G Lolli

Brig. Gen. Andrew R. Lolli, who has been at Army Air Defense Command headquarters in Colorado Springs since April as Special Assistant to the CofS, has been named Deputy CofS for Plans & Operations. He replaces Brig. Gen. Willis A. Perry, A-Ret. Before coming to Colorado Springs, General Lolli was CG of the 40th Air Defense Artillery Brigade at Ft. Barry, Calif.

Trophy Donors For Top Service Colleges



THREE JCS Chairmen have presented perpetual trophies for athletic rivalries between the National War College and the Industrial College of the Armed Forces at Ft. McNair, Washington, D. C. Shown here, left to right, are General Nathan F. Twining, USAF, JCS Chairman; Admiral Arthur Radford, USN-Ret., former JCS Chairman; Lt. Gen. George W. Mundy, USAF, ICAF Commandant, and Lt. Gen. Thomas L. Harrold, USA, NWC Commandant.

They are pictured with the Bradley Trophy for golf, presented by General of the Army Omar N. Bradley, the first JCS Chairman; the Radford Trophy for Bowling, and the Twining Trophy for tennis.

Another trophy, the Eisenhower Trophy, sponsored by the President, is awarded each year to the winner of the softball tournament played by students of the two colleges. This year's winner was the NWC team. The Bradley Trophy and the Twining Trophy went to General Harrold. The Radford Trophy was presented to General

2 July 1960 (Vol. 97, P. 1267)

Army Navy Air Force Journal

5



Anti-personnel Mine Detector AN/PRS-3 (XR-12) designed and built for the Corps of Engineers by Texas Instruments.

TI IN MILITARY DETECTION SYSTEMS

**TEXAS INSTRUMENTS
INCORPORATED**
6000 LEMMON AVENUE • DALLAS 9, TEXAS

Posthumous Award To Colonel Morris

Col. Willard W. Morris has been awarded posthumously the Legion of Merit.

His widow, Mrs. Willard W. Morris, received the medal for Colonel Morris, who had commanded the 1st Battle Group 28th Infantry, from Maj. Gen. Edwin A. Walker, CG of the 24th Infantry Division, in ceremonies at Munich.

Colonel Morris died suddenly during minor surgery 3 June.

Col. Fred H. Horlock is the new Battle Group Commander.

To Korea
 Calderon-Couvertie, Jose A. Ft Benning.
 McGowan, Richard M. Ft Stewart.
 Price, John A. Ft Knox.

2d Lieutenant
From Ft Rucker, to Station Indicated
 Morefield, Alvin J. 3d Armd Cav Regt, Ft Meade.
 Slusher, Billy J. 12th Avn Co, Ft Sill.
 Jensen, James R. 6th Armd Cav Regt, Ft Knox.
 Nash, John M. Hawaii.

To Germany
From Ft Rucker:
 Webster, Carl S.
 Zierdt, William H. 3d.

ARTILLERY—

Colonel
 Jenkins, Charles A. Wash, DC, to OUSARMA Am Emb, London.

Lt Colonel
 Duke, Thomas A. Jr. Offutt AFB, Nebr. to USA ROTC Instr Gp, College of William & Mary, Williamsburg, Va.

To Germany
 Branyan, Charles Orr. Ft Sill.
 Flager, George W. Ft Lewis.
 Simmons, Gordon Henry. Ft Sill.

Major
 Anderson, Lloyd E. Ft Hood, to USA ADGRU, Cp Murray, Tacoma, Wash, w/sta Seattle.
 Gaddis, Hubert D. Wash, DC, to USA Avn Ed, Ft Rucker.
 Mitcham, James R. Jr. Ft Banks, to Turkey.
 Bullock, Richard S. Ft Sill, to USA Elm MAAG Vietnam, Saigon.

To USA Elm USMTMSA, Riyadh, Saudi Arabia
From Ft Sill:
 Bowden, John C. Jr. Tyree, John B.

Captain
 McClure, Albert J. Ft Barry, to Germany.
 Miller, James L. Bowling Green, O, to USARAL.

To Korea
 Messier, Raymond E. Ft Sill.
 Turnage, Preston B. Jr. Warrenton, Va.
 Wittnebel, Robert L. Ft Bliss.
 Kirkwood, Clifford T. Ft Sill.
 Walsh, Gerald C. Ft Bliss.
 Breard, Daniel A. III. Ft Lewis.
 Linkous, Claude D. Jr. Ft Sill.
 Agular, William P. Ft Lewis.
 Blanche, John G. III. Livingston, NJ.
 Ensminger, Raman V. Army Cml Cen, Md.
 Stamps, Lawrence P. Jr. Ft Lee, Va.
 Takahashi, Lawrence M. Ft Lewis.
 Zeitz, Gordon F. Ft Bliss.

1st Lieutenant
To Stu Det USATSC, Ft Eustis
 Large, Ulysses S. Jr. Ft Hood.
 Boswell, Aubrey R. Ft Sill.

To Korea
 Baker, Ronald L. Ft Bragg.
 Borras, Danny. Selfridge AFB.
 Bushman, Donald A. Ft Bragg.

2d Lieutenant
 Beasley, William A. Ft Hood, to Stu Det Co, USAAVNS, Ft Rucker.

CORPS OF ENGINEERS—
1st Gen Emerson C Itschner, C of E
Colonel
 Withers, Edwin J. San Francisco, to Japan.
 Regar, Phillip W. Wash, DC, to USA Gar, Ft Rucker.

Lt Colonel
 Wieben, John D. Ft Lewis, to USA Aggressor Cen, USCONARC, Ft Riley, w/sta USA Cmbt Dev Exper Cen, Ft Ord.

Major
 Myers, Thomas W. Cp Drum, NY, to Korea.
 Curry, Donald A. Monterey, Calif, to USA at USA Inter-American Geod Sv Proj Ofc, Bogota, Colombia.
 Vaughan, Robert O. Monterey, Calif, to USA Inter American Geod Sv Proj Ofc, Belem, Brazil.

Captain
 Boeke, Ray A. Ft Leonard Wood, to USA

—Continued on page 13

Col. Waugh To Stuttgart,

Col. William H. Waugh, Jr., Executive Officer, 52d Artillery Brigade, (Air Defense), Ft. Wadsworth, N. Y., has been reassigned to Stuttgart, Germany.

Colonel Waugh is the son of Maj. and Mrs. William H. Waugh, sr., USA-Ret., of San Antonio. He is married to the former Miss Dorothy Driscoll of Portland, Ore. They have three children, William H. 3d, 17; John Michael, 15, and Susan Jane, 5.

BATHYSCAPH CHANGE:

**Polaris Pay Bill
Nears Enactment**

THE Senate has approved submarine pay for two officers serving aboard the Navy bathyscaphe Trieste, as well as crew members of future "undersea exploration and research vehicles."

The action overrules a Comptroller General decision (THE JOURNAL, 28 May) that a bathyscaphe is not a submarine within the meaning of the term as it relates to incentive pay.

The Senate Committee said the "hazards inherent in the operation of this deep-sea diving craft are comparable to or greater than those encountered in conventional-type submarines."

New authority for such payments was added to the House-passed incentive pay bill for crew members of Polaris submarines. The Senate Committee approved the amended measure and sent it to the floor for a final vote.

It can be expected that the amendment will be accepted by the House.

In support of the Committee's views, the Navy said it is considering a proposal to operate a small, three-man oceanographic research vessel — the Aluminatum—which is expected to be ready next year, and that "Undoubtedly more unusual submarines will follow, and the Navy will operate them."

CINCNELM DEPUTY

Maj. Gen. Frank S. Bowen, Jr., XII Army Corps CG at Atlanta, Ga., has been named Deputy Commander-in-Chief of U. S. Naval Forces Eastern Atlantic and Mediterranean at London.

General Bowen will serve under Admiral H. P. Smith. His assignment follows a recent decision by the JCS that the Deputy CINCNELM should not be a Navy admiral. A similar decision has been made for the Pacific Command, where the CofS in the future will not be a vice admiral.

**Missile Sub Growler
Gets New Skipper**

LCdr. Robert E. Crawford has relieved Cdr. Charles Priest, Jr., as commanding officer of the 2,500 ton guided missile submarine USS GROWLER at Pearl Harbor.

Commander Priest, USNA '44, who will report to Washington, D. C. for duty with the Nuclear Power Program, is married to the former Miss Suzanne M. Randall, daughter of Col. and Mrs. Raymond Randall of Chevy Chase, Md.

Commander Crawford, USNA '45, reports on board the Growler from command of the Pearl Harbor based submarine CUSK.

Commander Crawford and his wife, the former Miss Majorie J. Perkins of Kingman, Arizona, are residing at 99-142 Pooholua Drive, Honolulu.

"CLOSE THE CASE," SECRETARY SAYS:

**Navy Rejects Chairman Vinson's Appeal
For BCNR Review Of Cdr. Rawlins' Cas**

THE Navy has decided it will not undertake a review of the Rawlins' case by the Board for Correction of Naval Records, despite an appeal from the Chairman of the House Armed Services Committee.

In a letter dated 24 June—64 days after Chairman Carl Vinson (D-Ga) had made the request—Secretary William B. Franke said he has reviewed the matter and has "arrived at the conclusion that the Board is not a proper forum for a case of this nature."

The Navy submitted a twin case to the Board for Correction of Naval Records several years ago. The Board returned a favorable recommendation, but it was never acted upon.

In explaining the delay in providing an answer to Chairman Vinson's letter, the Navy Secretary said this: "The reply to your letter has been delayed due to a combination of factors: first, it was agreed in discussions with your staff that a comprehensive study should be made of the voluminous files in this case, and that it would not therefore be pursued with the usual urgency which is accorded to Congressional inquiries; and second, the press of other important Congressional business at this time in the Congress has served to otherwise impede the

processing of this item by my staff personnel who were consulted in the matter."

Chairman Vinson had asked the Navy to submit the Rawlins' case to the correction board and let the Board make a decision to settle the matter "once and for all."

Cdr. Edward White Rawlins, USN-R, has fought for more than 10 years to obtain a reversal of action by a wartime promotion panel which passed him over for promotion.

Secretary Franke said he is of the opinion "that no useful purpose can be served by referring to the Board for Correction of Naval Records, a board advisory in nature to me, a case in which I have personally reviewed the records, and finally after considerable deliberation reached the conclusion that Commander Rawlins suffered no injustice incident to his promotional failure under the wartime panel system."

The Navy Secretary said Commander Rawlins' case "should be considered."

Secretary Franke told Chairman Vinson that if the Chairman desired any further information on the subject, the Navy would be happy to oblige.

U. S. MARINE CORPS ORDERS

Commandant—General David M. Shoup
Assistant Commandant—Lt. Gen. John C. Munn
Chief of Staff—Lt. Gen. Wallace M. Greene, Jr.

MAJ GENERAL

Ennis, Thomas G., HqMC, to MCRD EP
PISC, for DIFOT as CG.

COLONEL

Mickey, Ross S., Wash, DC, to Air FMFPAC.
Benson, Alexander R., 1st MAW, to HqMC.
Johnston, Paul T., 2d MAW, to MAD NAS
Pnclia.

Moser, Robert D., HqMC, to AirFMFPAC.

LT COLONEL

Rasmussen, Haakon B., MCSC Barstow, to
Cp Smedley D. Butler.

Witt, Francis X., Jr., Cp S D. Butler, to
MCB CamPen.

Horne, Thomas M., HqMC, to Nav Lang
Scol NS, Wash, DC.

Lunn, William E., MCS, Quant, to HqMC.
Cortner, Frederick D., MCB CamLej, to
CMC HqMC.

To 1st MAW

McCullah, Carroll E., Stf CINCPacFlt.
Percy, James G., CINCPacFlt.

To 2d MAW

Blackmun, Arvid W., JT Stf Off JCS.
Voyles, Andrew J., HqMC.

From 1st MAW:

Cook, Howard E., Crawford, Philip L.,
To 3d MAW

Flaherty, Robert F., S Diego.
Stack, John R., Air FMFPAC.

To AirFMFPAC

Pegau, Ernest E., 3d MAW.
Bright, Gruger L., HqMC.
Weir, William W., 1st MAW.

To MCAS, Beaufort, SC

From 1st MAW:

Gregory, Marshall C., Maas, John B., Jr.

MAJOR

Panchison, Walter, HqMC, to MCS, Quant.
Miniclier, John F., ForTrps FMFLant, to
NROTC Unit Univ of Minn, Mpls.

Pultorak, Joseph, 2d MAW, to MCRD EP.

Bays, Leslie W., 3d MAW, to AirFMFPAC.

Burnham, Phillip D., NAS JAX, to LNO at
MCAS CherPnt & El Toro (Santa Ana).

Baity, Richard B., MCS, Quant, to MCRD EP.

Biehl, Joseph W., Tampa, Fla, to MCRD NRLNS.
Stawicki, Theodore A., 1st Mar Div, to MCRD, S Diego.

To Univ of Maryland, College Park, Md.
Gibson, George A., 1st MarBrig.
Breckinridge, James T., HqMC.

From 3d MAW:

Dake, Merlin L., Mendenhall, H E

CAPTAIN

Collier, James G., ForTrps FMFLant, to
USS Forrestal.

Anderson, Donald W., 2d MAW, to CG AF
Univ, Maxwell AFB, Montgomery, Ala.

Manhard, Albert H., Jr., 2d MAW, to Nav
Scol, Monterey, Calif.

Dotson, Thomas E., El Toro, Calif, to Chap
man College, Orange, Calif.

Boozman, Paul G., MCS, Quant, to 3d MAW.

Bumpas, Hugh R., Jr., Monterey, Calif, to
USA Attaché Taipei, Taiwan.

Habgood, Charles R., Hq MC, to USA
Attaché Taipei, Taiwan.

Kerrigan, Hunt S., Wash, DC, to USA
Attaché Taipei, Taiwan.

Osimo, Mario C., MCB CamLej, to HqMC.

Ramsey, Lonnie E., Albany, Ga, to MCAS
Beaufort, SC.

Price, Gordon I., USS Princeton, to
MAW.

Rozinski, Francis X., Willow Grove, Pa, to
LNO at MCAS, CherPnt & El Toro, Calif.

Ryan, James E., 1st Mar Brig, to MCRD
S Diego.

Swift, James N., 1st ANGLICO, to PHB
GRU 1.

Seaman, George W., MCAS, Beaufort, SC
MCB CamLej.

New, Milton L., 2d MAW, to MAD NATC
Mfs.

Standquist, John H., MCRD Npt, to MCS
Quant.

Brownell, Richard L., ForTrps FMFLant,
to George Washington Univ, Wash, DC.

Byrd, Jack A., PhibGru #1, to 2d MAW.

Colburn, George W., USS Princeton, to
Hc.

To Comdt USA, Engr Seal, Ft Belvoir.

Damon, Robert K., ForTrps FMFLant.

Gregory, Malcolm G., 1st Mar Div.

Smith, Roland E., MCB CamLej.

—Continued on page 30

PROTECTION—GIVES YOU PEACE OF MIND



For 81 years—since 1879 the Navy Mutual Aid Association has been providing insurance protection and aid to dependents of deceased officers.



Five different plans of permanent insurance protection (\$7,500 plus \$2,000 terminal dividend) is provided as near to the actual net cost as possible. More than 29,000 of your fellow officers are now sharing in these substantial savings in life insurance and other advantages and benefits so necessary to your family in time of need or death.

Available to all active duty officers not over 62 years of age of the Navy, Marine Corps and Coast Guard including Reserve Officers on extended active duty.

**Benefits in Force \$200,000,000
Assets \$45,000,000**

Write Today For Further Information and Free Brochure

**NAVY MUTUAL AID
ASSOCIATION**
A VITAL FACTOR IN BUILDING THE MORALE
OF OUR OFFICER PERSONNEL
NAVY DEPARTMENT — WASHINGTON 25, D. C.



**MOVING?
NEPTUNE**

U. S. NAVY ORDERS

William B. Franke—Secretary of the Navy

Fred A. Bantz—Under Secretary of the Navy
James H. Wakelin, Jr.—Assistant Secretary (Research & Development)
Cecil P. Milne—Assistant Secretary (Material)
Richard Jackson—Assistant Secretary (Manpower, Personnel & Reserve Forces)
Admiral Arleigh A. Burke—Chief of Naval Operations

VICE ADMIRAL

Bruecker, John, from Commander Amphibious Forces Pacific; to DC (Logistics).

REAR ADMIRAL

Taylor, Ralph W., Inspector Naval Dental Facilities Pacific Coast; to Director Naval Dental Activity, Field Branch, San Francisco.
Fleger, Howard A., Antisubmarine Warfare Readiness Executive, OpNav; to Commander Amphibious Force Pacific.

CAPTAIN

Bogart, Gerard S., OpNav; to CO USS Aucilla.
Brandt, Carl R., Office of Inspector of Naval Material, Seattle; to Inspector of Naval Material, Seattle.
Burdette, Obed D., Naval Dental Activity, Pacific; to Naval Dental Activity Field Branch, San Francisco.
Burke, Joseph S., St Albans, L I, NH; to Bethesda NH.
Calder, William E. III, Joint Staff JCS; to BuWeps General Representative, East District, N.Y.
Carroll, John B., Office of the Special Assistant to the JCS for Disarmament Affairs; to Naval Examining Board, Washington, D.C.
Dodge, Sherwood H., BuWeps; to BuWeps Representative, Lockheed Aircraft Corp., Burbank, Calif.
Donahue, John C. II, BuWeps; to Naval Section, Rome MAAG.
Flanagan, Francis J., OpNav; to CO NROTC, University of Utah.
Gómez, Marcos A., from 10 ND Medical Officer; to Navy Mission, Caracas.

\$7.55 PER MAN

Crew members of the Long Beach-based destroyer has contributed an average of \$7.55 for the Navy Relief Society.

Cdr. G. C. Stock, Commanding Officer, has presented a check for \$1,514.20 to Mrs. Laura J. Walter, Executive Secretary of the Long Beach Auxiliary of NRS. Attending the ceremony was Capt. T. D. Cunningham, who commands Destroyer Squadron 23.

Hall, Cary H., Commander Destroyer Division 22; to CO NROTC, University of Minnesota.
Hilmar, Harold O., Staff Commander Service Squadron Six; to Mare Island Naval Shipyard.
McDonald, Maxwell D., XO USS Valley Forge; to NSA, Ft. Meade, Md.
More, Frank R., CO USS Severn; to JCS Joint Staff.
Outlaw, Edward C., CO USS Intrepid; to OpNav.
Rader, Frederick J., Staff Commander-in-Chief Allied Forces Mediterranean; to OpNav.
Simpson, Maurice E., Naval Dispensary, Navy Department, to Rota, Spain, Naval Station.
Sims, Lewis S. Jr., NAS Miramar, Calif., to NAS Atsugi.
Veljasa, Stanley W., CO USS Firedrake; to Staff C-in-C Pacific Fleet.

COMMANDER

Channell Frederic C. Jr., NAVWPNPPLANT, WASHDC; to NAVWPNPPLANT WASHDC.
Charles Armand P. (MSC), NAVHOSP NATNAVMEDCEN, BETHESDA; to NAT NAVMEDCEN BETHESDA.
Clark Jackson W., NAS CORPC; to NAVAN TRACOM NAS CORPC.
Defay Theodore G. Jr., USS FORRESTAL; to OPTEVFOR.
Dougal Alan, CO USS PICKING; to HQ USMC HENDERSON HALL ARLINGTON.
Flournoy Richard Jr., CO USS SOLEY; to STAFF CINCLANTFLT.
Merenes, Robert H. 11ND; to STAFF CINCLANTFLT.
Newton, Arthur W., SUBLANT; to COMSUB DIV 81.
Parker Stanley D., NAS AGANA; to FAIR SAN DIEGO.
Pendergraft Vernon L., NAS PNCLA; to NAVAIRPAC.
Pool Donald J., NAS MPLS; to CO NAS MPLS.
Robinson William M., NAVOBSY WASHDC; to USS DELTA.
Ryan Delbert O., USS PICTOR; to OPNAV.
Ward, Dale E., NAVSECSTE WASHDC; to USS ESSEX.
Andrews Milner L., FLETCSUPPRON 21; to NAAS SAUFLEY FLD PNCLA.
Hills Hollis H., CARDIV 3; to SEVENTHFLT.

Naval Communications Shift

A Naval Communications Training Center has been established at the Naval Auxiliary Air Station, Corry Field, Pensacola, Fla., to replace a Naval Communications Training Center at Imperial Beach, Calif.

The Communications Training Center at Imperial Beach will continue to function until May 1961 when students from the class entering this November will be graduated. The first students to take their communications training at Corry Field will report in December. About a thousand students at a time will take communications training at Corry Field.

Barnnan Leonard L., ONM NAVDEPT; to NAVPDNEQUIP CONOFC WASHDC.
Campbell, Robert K., NATECHTRACEN NAS MFS; to OFC OF SUPINSMAT WEST DIST TI SFRAN.
Carl Edward F., CO USS OAK HILL; to MSTS LANTAREA.
Cornwell Roy S., NAROCKET TESTSTA, LAKE DENMARK DOVER; to LAWRENCE RADIATION LAB LIVERMORE.
Delargy John M., CO USS MORTON; to DESFLOT 7.
Marquart Phillip G., CO TRARON 20 NAS CORPC; to NAVPHIL.
Shockley William H., NAVAVSAFETYCEN, NAS NORVA; to NAS NORVA.
Cassidy Charles A. H., NAVAIRPAC; to NAV HOSP SDIEGO.
Kilmer John S. Jr., NATESTCEN PAXRIV; to BUPERS.
Levine Aaron A., CO USS ALCOR; to NRO TCU COLUMBIA UNIV NYK.

LIEUTENANT COMMANDER

Dement Henry F., HATRON 11; to HATRON 3.
Dreis, Thomas G., FAIRWG 6; to NAS LE MOORE.
Dickman William J. Jr., NAVAIRLANT; to USS KITTY HAWK.
Early Paul J., USS HALIBUT; to SUBRON 1.
Fluss Richard M., COLUMBIA PACRESFLT; to PASADENA ANNEX NOTS CHINA LAKE PASADENA.
Forsyth William D., PUGET SOUND NAVSHIPIYD; to NABATRACOM PNCLA.
Ghormley Ralph M., USS SEA FOX; to NAV NUCLEAR POWERSCOL MARENAVSHIP YD DUNIS.
Ghormley Robert L. Jr., NSC PEARL; to SERVLANT.
Hediger, Fritz H., DPWO 12 ND; to AREA PWOFC ELM LONDON.
Hedrick George F. Jr., USS LOFBERG TEM; to USS SKAGIT.
Lyons Richard T., USNAVEUR; to USS CASA GRANDE.
Mav, Robert L., AIRTRANSRON 7; to AIR TRANSNON 7 DET ALFA.
McClintock Michael, USS CHARLES H. ROAN; to NAVSCOLCOM NAVBANE NPT.
McCracken, William H., CO NAVNUCLEAR POWERTRAU WINDSOR; to CO USS SEA OWL.
Mead Merle P., CARDIV 19; to ATKRON 113.
Adams, Charles W., USS SHANGRI LA; to FAIRDEFTRACEN DAM NECK VA BEACH.
Ahstrom Orin J., FAIRDEFTRACEN DAM NECK, VABEACH; to FITRON 62.
Brantley Melvin H., FASRON 3; to FLETAC SUPPRON 40.
Bollens Alfred P., (SC) NARTU NAS JAX; to ICEDEFOR.
Buck Robert M., FAIRSDIEGO; to NAS BARPT.
Bunganich John Jr., NATESTCEN PAXRIV; to USNAVEUR.

Butler Frank J., Jr., UNIV OF MISSISSIPPI UNIVERSITY MISS DUNIS; to NABA TRACOM NAS PNCLA.
Darling Mary E., NAVHOSP YOKOSUKA; to NAVHOSP CAMPEN.
Walker, Robert G., USS NORFOLK; to OP-NAV.
Wilkinson Thomas R., 11ND TEM; to OIC MSF TRFTEAM 11ND.
Monger, Albert J., USS ORISKANY; to UNIV OF CALIFORNIA AT LOS ANGELES DUNIS.
Moseley, Richard E., AIRDEVRON 4; to NAVAIRPAC.
Murray, Richard D., NAS CORPC; to FAIR WG 11.
Plunkett, Roy D., NAVPHOTOCEN NAS ANACOSTIA WASHDC; to NAVAIRPAC.
Porter, Charles S., UNIV OF COLORADO BOULDER DUNIS; to FAIRALAMEDA.
Rule, John F., USS AJAX; to NTC SDIEGO.
Smith, Howard W., OIC NADO NAVSTA LBEACH; to USS FRONTIER.



U. S. Navy P2V NEPTUNE antisubmarine aircraft, produced by Lockheed—equipped with TI-built AN/ASQ-8 magnetic anomaly detector, AN/AIC-15 intercommunications system and TD-239A intervalometer.

TI RADAR & MAGNETICS IN ANTISUBMARINE SYSTEMS

APPARATUS DIVISION

TEXAS INSTRUMENTS INCORPORATED

6000 LEMMON AVENUE • DALLAS 9, TEXAS

Navy Gets Industry Committee Ideas On Means To Strengthen ASW Effort

THE Navy has received recommendations for strengthening undersea defense in a report from the Anti-Submarine Warfare Advisory Committee of the National Security Industrial Association.

The Committee was established in April, 1958, and given full cognizance in Navy briefings of the threat posed by Russia's modern submarine fleet when linked with the potential of Intermediate Range Ballistic Missiles (IRBM).

In its recommendations to the Navy the Committee proposed that:

1. Industry "acquire and operate its own target submarines."
2. Navy torpedoes be pre-packaged for immediate use without further testing in the fleet.
3. Provision be made for new special-purpose manned, mobile, sonar underwater vehicles.
4. The Navy establish an anti-submarine information center to eliminate much repetitious work in the Navy and industry.

The Committee also asked for longer, deeper underwater test ranges for evaluation of torpedoes and missiles and cited what it termed "a crying need for more information" on many aspects of oceanography.

The detailed report is in three volumes, of which two were unclassified. It is the

first report in writing from the Anti-Submarine Warfare (ASW) Advisory Committee's 24 groups and sub-groups which have a membership of 318 highly qualified management and technical personnel from 97 industrial organizations.

The report is based on more than a year's study of operations at sea, in defense laboratories and service installations, and in briefing sessions in Washington.

Fordyce E. Tuttle of Rochester, N. Y., Chairman of the ASW Committee, said that in study toward means of adequate defense, the members found Navy briefings excellent and had highly effective assistance and guidance from the ASW Readiness Executive Office of the Chief of Naval Operations.

He noted that the list of endorsements and recommendations in Volume I of the report "looked with favor" on the several ASW organizational steps taken by the Navy. These include creation of the ASW Readiness Executive Office, which "has already given industry a feeling of confidence that worthwhile proposals will receive top rank attention;" establishment of the office of a Deputy Chief of Naval Operations, Development; and the formalizing of a Navy ASW Committee with the Secretary of the Navy as chairman.

Spargo, Robert A., NAVPUROFC WASHDC; to OIC NAVOS AIR CARGO TERMINAL PORT LYAUTAY KENITRA.
Stafford, Alberta F., NAVHOSP YOKOSUKA; to NAVHOSP CAMPEN.
Summers, Gilbert L., USS WASP; to NAVHOSP KIRTLAND AFB.
Vehorn, Charles M., NAVHOSP SDIEGO TRMT; to NAVEXAMCEN NTC GLAKES.
Wagner, Paul F., BUSANDA; to STAFF COMIDEASTFOR.
Wallace, Billy C., DPWO 5ND; to ASST ROICC BUDOCKS CONTRS SUGAR GROVE.
Shropshire, Paul H., Jr., OPNAV; to MIL TECH ASSISTANCEGRU DJAKARTA.
Tharp, Samuel M., Jr., CO TRARON 24 NAAS CHASE FLD BEEVILLE; to NAAS CHASE FLD BEEVILLE.
Webster, William S., Jr., AEWRON 4; to CO AEWRON 4.
Wheatley, John P., USS KEARSARGE; to PACMISSILERANGE PT MUGU.

Bateman, Roger L., Jr., NORTHWESTERN UNIV EVANSTON DUNIS; to NSC OAK.
Bird, Frank S., BUPERS; to FLAGRUM LANTRESFLT.
Clow, Mary S., NAS DAL; to NAVHOSP NATNAVMEDCEN BETHESDA.
Deutch, Martin J., DESLANT; to NSC PEARL.
Haley, Richard W., USS BENNINGTON; to EASTSEAFRON.
Idarola, Rose V., NAVDISP NAVDEPT; to NAVHOSP NAVBASE NPT.
Kane, John R., NAVHOSP SDIEGO; to NAV HOSP CHELSEA.
Lamarra, Irene R., NAVHOSP PHILA; to NAVHOSP KWEST.
Maple, Charles J., NAF CHINA LAKE; to UTRON 1.
Marsh, John C., DESFLOT 3 TEM; to CO USS PLEDGE.
Vaughn, William W., Jr., NAS JAX; to FLE TACSUPPRON 40.

SAC SETS ALL-TIME AIR SAFETY RECORD BUT HIGHWAYS TAKE BIG TOLL

THE aircraft accident rate in SAC reached an all-time low of .74 accidents per 100,000 flying hours during May, Col. Woodrow P. Swancutt, SAC Chief of Safety, has announced. He said the May figure brought the annual rate down to 2.54, also a new low for the first five months of any year in the command's history.

SAC has reduced its accident rate during each of the 14 years of its existence. The rate in 1949 was 54 accidents per 100,000 flying hours. The 1959 rate was down to 3.09. The previous monthly low was 1.37 in April 1959.

It's another story for SAC safety on the road.

During the first four months of 1960 only 27 SACmen were killed in privately owned motor vehicle accidents. This compares to the same period of last year when 43 were killed.

But during May, 12 SAC drivers were killed in automobile accidents. One of the worst days in the history of the command was Memorial Day, 30 May, when six SACmen lost their lives in one wreck.

During the first 17 days of June, 21 SACmen were killed in privately owned motor vehicles.

Gen. Anderson Cites Dynamic Readiness'

Constant improvement in logistic support is vital to the maintenance of a position of "dynamic readiness," General Samuel E. Anderson, Commander Air Materiel Command, told members of the Aero Club of Washington 28 June.

General Anderson said that the AOCP (aircraft out of commission awaiting parts) rate for all aircraft in the Air Force has dropped from 8.9% in 1952 to 2.7% today, while for one specific bomber the rate has fallen from 14.2 to 1%.

The resupply pipeline time has been reduced by one-half since 1955, General Anderson declared, dropping from 12 to 6 days.

These advances, he said, have been due to a realignment in management, to increased use of airlift to cut delivery time of parts, and to greater use of electronic data processing equipment.

SAC Eglin Sqdn. Given New Name

The Eglin AFB, Fla., squadron that maintains and loads all munitions and special weapons carried on B-52G bombers there has been given a new name and a new place in the command structure.

The 54th Aviation Depot Squadron now is known as the 54th Munitions Maintenance Squadron. A unit of SAC's 4135th Strategic Wing, it is commanded by Lt. Col. Edward L. Miller.

As part of the SAC-wide change, the newly-named squadron will be placed under the operational control of the Deputy Wing Commander for Maintenance instead of being directly under the Wing Commander. Already under the "DCM" are the Field Maintenance, Organizational Maintenance, and Arment and Electronics Maintenance Squadrons.

USAA offers substantial savings on automobile insurance to eligible officers of the U.S. Armed Services.

**SAVE 38.8%* on
Automobile Insurance**

*off standard rates, statewide

USAA, organized in 1922, is a non-profit insurance association managed and directed by active and retired officers of the U.S. Armed Services. Over 350,000 members now enjoy liberal savings on their USAA insurance, including Comprehensive Personal Liability, and Household and Personal Effects Insurance. To save costs, calling is by mail. Write today for details.

**UNITED SERVICES
AUTOMOBILE ASSOCIATION**

Dept. AJ-5 4119 Broadway
USAA Building San Antonio 9, Texas

AF Will Convene "White Charger" Board

From first page—

officers (200 colonels and 500 lieutenant colonels) will be forced into retirement over the next five years under the terms of the legislation.

After the initial "plucking" boards, at least 80% of those considered must be retained. No officer may be considered for continuation more than once.

The Act also will permit non-selection of 20% of the number of those being considered for the first time for promotion to the grades of captain and major. Under present law, the 20% limitation applies to all officers considered by selection boards, including those who have previously failed of selection.

Officers eliminated by reason of failure of selection for promotion, will be separated within seven months following the second failure of selection.

The Act will apply only to the Army and Air Force, but the Army has no immediate plans to make use of the "plucking" rules.

In addition to the forced retirement provisions of the bill, it also establishes new "show-cause" boarding procedures for both Services, provides new separation rules for "substandard performance of duty" and sets new standards for separation of officers for "moral or professional dereliction or in interests of national security."

Douglas Appoints Rep At NORAD

Appointment of R. D. Nielsen to the post of Douglas Aircraft Company Liaison Representative to the North American Air Defense Command at Colorado Springs, is announced by C. R. Able, Vice President-Defense Programs.

An eight-year Douglas employee, Mr. Nielsen spent five years as a missiles service representative at various Army Nike installations. He was appointed Assistant Missiles Field Service Supervisor in 1957, and has been with the Defense Programs Department for the past two years.

He will assume his new duties on 18 July.

Command Change At Tyndall

Brig. Gen. Frederick Terrell has assumed command of the 73d Air Division at Tyndall AFB, Fla., replacing Brig. Gen. Milton H. Ashkins.

En route to the Flight Test Center to succeed Colonel Allen is Col. William McCullough, from ARDC Headquarters, Andrews AFB, Md.

MOVING OVERSEAS?

SEAVAN PAK

AF Missile Men Win Silver Leaves At BMC



NEW lieutenants colonels at the AMC Ballistic Missiles Center in Inglewood, Calif., are (3d, 4th and 5th from left): Richard Rowland, Chief of the Space Projects Office; Robert W. McCutchen, Jr., Deputy Chief of Production and Programming for Titan; and John R. McCombs, Chief of Engines and Accessories for Atlas. With them are (left to right) Col. John L. Zeeckler, Deputy Commander of BMC; Col. W. T. Ensley, Chief of the Atlas Weapon System Office; Lt. Col. Robert Moore, Chief of Assembly and Test Division for Minuteman; and Col. Sherman E. Ellis, Director of Space and Satellites.

U. S. AIR FORCE ORDERS

Dudley C. Sharp—Secretary of the Air Force

Joseph V. Charyk—Under Secretary of the Air Force

Philip B. Taylor—Assistant Secretary (Material)

Lyle S. Garlock—Assistant Secretary (Financial Management)

Courtland Perkins—Assistant Secretary (Research & Development)

General Thomas D. White—Chief of Staff

BRIGADIER GENERAL

Schlatter, (Col) George F., Jr Bolling AFB, & ret as BrigGen, eff 8 Jul.

COLONEL

Katzberg, Arthur J., Keesler AFB, to APO 406, NY.

Iverson, Richard J., Brigham City, Utah, to dy sta Hill AFB.

Fr Wash, DC to Sta Indicated

Fickling, William A., Hq Western Mgmt Rgn, AMC, Mira Loma AF Sta.

Holderness, Arthur W., Jr., Hq 3009th Cmbt Sprt Gp, SAC, APO 167, NY.

LIEUTENANT COLONEL

Smith, Robert L., Keesler AFB, to Monot AFB.

Davidson, Joseph W., Tarpon Springs, Fla., to 1611th Air Trans Wg (M), MATS, McGuire AFB.

Lehner, Albert M., Tulsa, Okla., to Hq AMC West Contr Mgmt Rgn, Mira Loma AFSA.

Goodfleisch, Don M., Wash, DC, to Hq 3510th Fly Tng Wg, ATC, Randolph AFB.

McCormick, Frank T., Jr., Hill AFB, to dy sta AMC Msis Fld Ofc, Malmstrom AFB, for dy as OIC.

MAJOR

Cunningham, George A., Keesler AFB, to APO 91, NY.

Jardon, James E., Eglin AFB, to dy sta Site D-4, Tarpon Springs, Fla.

Fr Wash, DC to Sta Indicated

Peterson, John F., Hq 10th ADIV (Def), AAC, APO 942, Seattle.

CAPTAIN

Wilcox, Paul A., Brookley AFB, to dy sta AMC Msis Fld Ofc, Walker AFB.

Westbrook, Robert E., Robins AFB, to 2750th AB Wg, AMC, Wright-Patterson AFB.

Zimmerman, Rodney J., Seymour Johnson AFB, to 6022d USAFH, PAC, APO 994, SF.

Bruton, Jay W., Wash, DC, to Hq 3555th Fly Tng Wg, ATC, Perrin AFB.

Strong, Curtis T., Jr., Hill AFB, to dy sta AF Plant Ofc, Thiokol Chemical Corp, Brigham City, Utah.

Benedict, Allen W., Van Nuys, Calif., to dy sta AMC Msis Fld Ofc, Dyess AFB.

Vandeuvre, Gerrit R., St Augustine, Fla., to dy sta AFPRO, Lockheed AFB, Marietta, Ga.

1ST LIEUTENANT

Freer, Jerry H., Tinker AFB, to dy sta A&M Coll, College Sta, Tex.

TAUGHT AT USMA;

USAFA Professor

Leaves Active Duty

Col. George L. Holcomb, Professor and Head of the Department of Foreign Languages at the U. S. Air Force Academy, has retired with 23 years active service.

Colonel Holcomb, USMA '37, was Assistant Professor in the Department of Modern Languages at West Point for three years, completing this assignment in June, 1949. One year later he attended the Air Tactical School at Tyndall AFB, Fla., and in 1951 attended the Air War College at Maxwell AFB, Ala.

He received a Master of Arts degree in 1956 from Middlebury College, Vt., and two years later was granted his Doctor of Philosophy degree from the University of Texas at Austin.

Colonel Holcomb and his wife, the former Jessie Lynn McDougald of Kemp, Texas, and son George L. Jr., will reside in San Antonio.

His successor is Lt. Col. A. R. Miele, formerly Associate Professor of Foreign Languages.

COL. MATTHEWS WILL COMMAND ORLANDO

COL. L. B. Matthews, Commander, 1st Aeromedical Transport Group (MATS), Brooks AFB, Texas will depart in August for an assignment as Commander of Orlando AFB, Fla. Col. Walter V. Cook has been named as his successor.

Prior to his assignment to Brooks, Colonel Matthews served as MATS Inspector General.

Colonel Matthews will be accompanied to Orlando by his wife and three daughters.

2d LIEUTENANT

Hottinger, Christopher F., Jr., Keesler AFB, to APO 942, Seattle.

Fr Bainbridge AB to Sta. Indicated

Law, Joseph F., 548th Strat Msl Sq, SAC, Forbes AFB.

Volker, Charles D., Hq AMC Aeronautcl Sys Com, AMC, Wright-Patterson AFB, To Hq 706th Strat Msl Wg (IBMA), SAC, Warren AFB:

Reilly, John J., Collins, Charles V., To Hq 3415th Tech Sch, USAF, ATC, Lowry AFB:

Young, David J., Fannemel, Wm R.

CHIEF WARRANT OFFICER

Boehk, Bruno E., Eglin AFB, to 4604th Spqr Sq, ADC, Oris AFB.

RETIRED—

Colonel

Berkeley, William P., Booth, (LtCol) John A., as LtCol & adv to Col.

Lt Colonel

Reeves, Ernest A., Chestnutt, Robert P., Christensen, Howard J., Conradl, Arthur, Fackenthal, W A., as Col.

Newman, James B., Joyce, (Maj) George O., as Maj & adv to LtCol.

Langford, Karl A., Martin, Cecil F., Nifong, Harold F., Della, Andrew, McGinnis, Edgar M.

Major

Finlon, Robert L., as Lt Col., Janky, Leon J.

Lynch, John D., as LtCol., Pickard, David E., as LtCol., Smith, Douglas O.

Cline, Melvin E., as LtCol., Harrison, Joe S., as LtCol., Marshall, Russell M., as LtCol., Johnson, Dixie W., as LtCol.

Musumeci, Joseph, as LtCol., Gravenhorst, E H., as LtCol., Murphrey, Jack D.

Smith, Kenneth W., as LtCol., Last, Roy W.

Clark, Francis C., Dehoney, Everett L., as LtCol., Lanning, Harold E., as LtCol., Lowe, Wilburn, as LtCol.

Henry, James M.

Captain

Heaton, Jesse A., as Maj., Gorges, Lloyd K., as Maj.

Hardee, Davis E., Jr., Hauser, Kenneth J., as Maj.

Cooper, Joseph L., Konerzam, Arnold E., as Maj.

Whitten, George A., as Maj., Farris, Elbert W., as Maj.

Sperling, Charles W., Christoff, John, Jr., as Maj.

Farrell, John P., as Maj., Komyna, Charles, as Maj.

McGaffigan, G. J., Chapman, Vahan.

Drouin, Maurice C., as Maj.

Byrne, Carl R., as Maj.

Job Opportunities

Applications are being accepted at the Board of U. S. Civil Service Examiners, USAF, Minneapolis-St. Paul International Airport for the position of Military Personnel Officer to fill vacancies at Richards-Gebaur AFB, Grandview, Mo.; Scott AFB, Belleville, Ill.; Selfridge AFB, Mt. Clemens, Mich.; Mitchell Field, Milwaukee; O'Hare International Airport, Park Ridge, Ill.; and Minneapolis-St. Paul International Airport.

The starting salary will range from \$6,505 to \$7,030 per year. Additional pay is received as a result of Air Force Reserve Pay, as the jobs are in the Air Reserve Technician program. The ART program combines the Federal Civil Service and Air Force Reserve. Identical duties are performed as a Civil Service employee and Air Force Reservist. The benefits double so far as retirement, leave, pay, and other important items are concerned.

PERMANENT PROMOTIONS—

To Major

W/DB 60

8 Jun: Cayton, Cecil B.; Gallagher, Walter, J.; Head, Vernon L.

To Captain

8 Jun: Howell, Leonard R., Jr.; Guillebeau, J. G., (MC); Hansen, George C.; Patteson, William R., (DC); Isbell, G. M., Jr., (DC); Greco, G. W., (DC).

To CWO-4

8 Jun: Davis, Robert E.

20 Jun: Tirone, J. J.

CWO-3

8 Jun: Barlow, Ruel E.; Ketcham, W-3; Leonard W., as W-4; Kahre, W-4; Paul F.

TEMPORARY PROMOTIONS—

To Major

Stine, Donald P.

CORRECTION—

Stockett, Lt Col John C., prev ors re his rsg to Wash, DC, to Hq PacAF, APO 953, SF, IATR "Stockett, Col John C."

AIRMEN RETURNED TO RET STATUS—

Ellison, CM/Sgt Clyde.

McMahan, SM/Sgt Bruce.

Morton, M/Sgt Sam M.

AIRMEN RETIRED—

CM/Sgt: Potter, Thomas M.

SM/Sgt: Masmar, E G.

M/Sgt: Henry, Charles G., & adv to Capt; Delauter, Paul C.; Anderson, Hilding R.; Douglas, Henry G., as Capt; Shaw, Lawrence M.; Santell, Starr J.; Miller, Robert L., as WO; Rardin, H. B.; Gregory, Philip H.

T/Sgt: Barker, Harold L.; Moku, Moses, Jr.; Rogowski, S F.; Switzer, James R.; Baranski, G. R.; Brooks, Iris L.; Foster, James O., as Maj.

S/Sgt: Graham, James A.; Estrada, Juan D.; Geller, Charles.

A/1C: Hall, Raymond E.; Corbin, Billy H.; Cox, Frederick W.; Andras, J. J., sr.

A/2C: Denton, James H.; Yanoski, A. P.

A/3C: Osborne, James S.; Mumpower, J. D.; Schiffer, Joseph W., Jr.; Elliott, Earl C.; Marcum, James L., Jr.

A/B: Coroz, Remilio.

OFFICERS TO TEMP DISAB RET LIST—

Hardwick, James W., as Maj.

Edward, 1st Lt Arthur B., Jr.

Gilliard, 1st Lt Donald W.

Weppner, 2d Lt James E.

OFFICERS FR TEMP DISAB RET LIST—

Bussell, Arnold J., & ret as Maj.

Holden, 1st Lt William S., & ret.

Kovach, 1st Lt James E. A., & ret.

RESIGNED—

Bouvet, 1st Lt George C.

Lemond, 1st Lt William P., Jr.

AF Pilot Joins Grand Central

William E. Farrar, a veteran of 11 years Air Force service has been named assistant to the Vice President for the Eastern Region of the Grand Central Rocket Company.

An employee of the Lockheed Aircraft Corporation for almost four years, Mr. Farrar for the past two years has been one of the Company's Washington representatives.

Mr. Farrar is married to the former Mary Louise Eikenhou of Grand Rapids, Mich. They have one son and two daughters and reside in Bethesda, Md.

**YOU CAN SAVE MONEY ON
YOUR AUTOMOBILE Insurance**

FOR OFFICERS AND TOP FIVE GRADES OF NON-COMMISSIONED OFFICERS

- STANDARD - FULL COVERAGE POLICIES
- PROMPT SPECIALIZED SERVICE
- DEPENDABLE NATIONWIDE CLAIMS SERVICE
- RATES AT SUBSTANTIAL SAVINGS
- PREMIUMS BY INSTALLMENTS
- INSURANCE AVAILABLE IN OCCUPIED AREAS

INSURE WITH INTERNATIONAL SERVICE INSURANCE CO.

Check the Yellow Pages for our Local Representative or write today for complete information.

**INTERNATIONAL SERVICE INSURANCE COMPANY
1401 W. LANCASTER • FORT WORTH, TEXAS**

Car Year _____ Make _____ Model _____ Body Type _____

No. Cyls. _____ Date Purch. _____ New or Used _____ Cost _____

Current Year & State Registration _____

Age of Youngest Driver in Your Household _____

Location of Car _____

Name and Rank _____

Military Address _____

Send Information on Auto Financing _____



Army Navy Air Force Journal

2 July 1960 (Vol. 97, P. 1271)

9

Former AF JAG Heads Loan Plan

Maj. Gen. Reginald C. Harmon, USAF-Ret., former Judge Advocate General of the Air Force, has been elected President of the United Services Security Corporation, with home offices in Washington, D. C., and operational headquarters in Atlanta, Ga.

This corporation has established a service through which officers and the five top grade noncommissioned officers in the Services may obtain loans by mail.

Loans up to \$2,500 may be obtained by officers and by enlisted men in grades of E-5 and above on their signatures.



AUTOMATIC SECURITY SERVICES

Approved security systems such as those provided by ADT are becoming more and more important in the nation's security program.

It is significant that ADT safeguards properties for 30 Government agencies at hundreds of locations throughout the world.

ADT, always a leader in automatic protection of commercial and industrial properties, has also taken its natural place as a leader in the field of security signaling.

For information on all types of security systems, phone the ADT office listed in your directory or write our executive office in New York.

American District Telegraph Company

A NATIONWIDE ORGANIZATION

155 Sixth Avenue
New York 13, N. Y.



ARMY
NAVY
AIR FORCE

JOURNAL



"SPOKESMAN OF THE SERVICES SINCE 1863"
1719 CONNECTICUT AVENUE N.W., WASHINGTON 9, D.C.

LeROY WHITMAN
Editor-Publisher

D. C. BROWN
President-Comptroller

DANIEL Z. HENKIN
Assistant Editor

LOUIS R. STOCKSTILL
Congressional Editor

2 JULY 1960

ROTC Budget Cuts: An Alarm Signal To Congress

The disclosure (see Page 1) that the Reserve Officer Training Corps program is threatened with a budget squeeze will, we hope, be a signal of alarm on Capitol Hill. Apparently, the plan is to deny needed funds for ROTC activities, particularly in the construction area, and to make this known to Congress only when the next budget is presented.

THE JOURNAL stands with those who are fighting for a broad-based ROTC program, notwithstanding the fact that the immediate need for junior Reserve officers has been reduced in line with cuts in military strength. Through ROTC training at the freshman and sophomore level, scores of thousands of young men have learned about the need for military preparedness. The ROTC curriculum has helped colleges and universities to inculcate vital lessons of citizenship and dedication to country.

Secretary of the Army Wilber M. Brucker has been in the forefront of the campaign to safeguard the full ROTC program. He is known to have gained strong and influential support on Capitol Hill to maintain mandatory ROTC training at colleges and universities in all parts of the Nation.

It is our hope that the Armed Services Committees will not wait until the budget cutters have had a chance to do their work, but instead will demand to know immediately what is in prospect for the ROTC program. It is unthinkable that Congress should not have an important say in future plans for the ROTC.

Manpower Leadership, Where Is It?

Secretary of Defense Gates has few matters of greater importance at the Pentagon during the next six months than to strengthen the virtually non-existent Pentagon leadership in the field of manpower. Repeatedly during the current session of Congress, committees of the House and Senate have sought in vain for Department of Defense guidance on pending manpower legislation.

Pentagon support of the President's request for Pay Equalization was inept. Presentations on such measures as the Reserve Officer Promotion Act and the Reserve Officer Incentive Act were, in the words of Chairman Richard B. Russell (D-Ga), of the Senate Armed Services Committee, "hazy."

The members of the House and Senate Armed Services and Appropriations Committees, who are no novices when it comes to military manpower matters, certainly cannot be expected to accept a repetition of such an uninspired—and sometimes uninformed—performance during the next session of Congress. We suggest to Secretary Gates and Deputy Secretary James H. Douglas, Jr., that they take whatever remedial action is necessary immediately. In Navy parlance, which Secretary Gates understands, all presentations to Congress on manpower needs of the Armed Forces must be nothing less than 4.0.

A Noble Mission Well Done

There are few activities conducted under the sponsorship of the United States which are providing greater returns for each dollar invested than the global program (see Page 1) to fight malnutrition in the less-developed countries. Under the dedicated leadership of Dr. Frank B. Berry, Assistant Secretary of Defense (Health and Medical), the Interdepartmental Committee on Nutrition For National Defense, is doing a superb job in a noble cause.

From earthquake-hit Chile to Ethiopia, from Peru to Pakistan, highly trained teams of physicians and allied scientists are giving local health authorities expert counsel on the best methods to attack the problem of malnutrition. The members of the U.S. teams are not providing such advice from any "ivory tower" facilities in this country.

The U.S. teams, many of whose members are from the Services, are going to the most remote sections of each of the countries which have

requested a nutrition study. Travelling by every available means—and often the only available means is by foot—Dr. Berry and his associates are in the forefront of President Eisenhower's "People To People" program.

The nutrition program to date has cost about \$750,000. In terms of the accomplishments in overcoming malnutrition and thereby strengthening Free World Defense, the return on this investment must be reckoned in the millions of dollars. The goodwill that has been built for the United States is incalculable.

READERS' VIEWS

Opening At USMA

■ Due to the impending retirement of the Head of the Department of Electricity at West Point, a committee of which Col. E. R. Heiberg is chairman has been appointed by the Superintendent to recommend an individual for appointment to the position of Professor of Electricity.

The committee desires to receive applications from those who are interested in the position.

The subjects taught in the Department of Electricity include both electrical science and nuclear physics, so that qualifications in either or both of those areas are desirable. Applicants should already have at least an appropriate master's degree. Interest in pursuing further study in one of these fields, undergraduate teaching experience, appropriate research and development experience, and general military service are also desirable qualifications.

The applicant should preferably be in his early thirties and certainly not over forty in order to provide for continuity of service in the department.

Address inquiries or applications to Colonel Heiberg, Professor of Mechanics, or to Lt. Col. E. C. Cutler, Jr., Professor of Electricity, U. S. Military Academy, West Point, N.Y.

ELLIOTT C. CUTLER, JR.
LT. COLONEL, USA
PROF. OF ELECTRICITY

Medicare Deficiencies

■ Those of us who must rely on Medicare in civilian communities find that it does not come close to equalizing the medical benefits as between a military family living on or near a base and one living beyond a convenient distance.

We suspect that the Government appointed Fiscal Administrator organizations of the program get an excessive share of the millions of dollars involved over service people. There are seven eligible dependents in my family and in two years Medicare has saved me only \$25 while I have paid out hundreds of dollars which persons living near a base hospital would be spared.

There is a sergeant in our organization who pays \$16.50 monthly into a civilian hospitalization plan for his family because he is tired of being deluded by the Medicare program which rarely pays off.

When a sponsor or dependent disagrees with the judgment rendered by the local civilian Medicare supervisor,

the former has no apparent military recourse because the Government has placed its employees at the mercy of the hired civilian administrator who absorbs the discontent of the dependents and sponsors.

Please research and publish an article in THIS JOURNAL divulging how much money goes into the administrators' pockets and how much into those of doctors and hospitals for Medicare service.

For my part, except when living on an isolated base, I would rather be granted an allowance of money with which to subscribe to a health insurance plan for my dependents. It need not meet the whole insurance premium but should be based on the number of dependents a sponsor has. Preferably a sponsor could choose between dependent medical care at a base or an allowance to help defray civilian medical care.

Let us stop all this prattle about not wanting to surrender our rights to receive dependent medical care at Service installations. Rights that cannot be exercised are not worth much. I cannot spend "pyrrhic" principles, although I have a pocket full of them right now.

We do not yet have the most efficient and beneficial system of Medicare for dependents. The answer lies in making those Medicare dollars purchase medical attention and not administration. Therefore, putting dollars every month in the hands of the sponsors would be simplicity itself.

COLONEL, INFANTRY

MARINE MEMORIAL

Plans have been completed to tell the story of the Marine Corps in beautiful etched glass windows to be installed in the Marine Memorial Chapel at Quantico, Va.

The Chapel is a memorial to all Leathernecks who have died in the service of their country since the founding of their Corps in 1775.

The Commandant of the Marine Corps recently approved the acceptance of voluntary contributions by the Marine Corps Schools for a Memorial Chapel Window Fund.

Chaplain John H. Craven, USN, of the schools has been named custodian of the fund.

IN THE JOURNAL

Korean Combat Begins; 1910 Plucking Board Meets; Most West Pointers Are Assigned To Engineers

10 Years Ago—Elements of the U. S. Air Force and the U. S. Navy are now in combat in Korea and Korean waters against Red invaders from North Korea. It was announced yesterday, 30 June, that the President had authorized the use of certain supporting U. S. Army troops in the Korean operations and to bomb invasion bases north of the 38th Parallel. A small field headquarters under Brig. Gen. John H. Church, USA, had already been set up by the Americans in Korea.

50 Years Ago—A meeting of the Navy elimination or "plucking" board was held in Washington, D. C., July 1, to select officers for compulsory retirement in accordance with the Navy Personnel Act.

96 Years Ago—Below is a list of the cadets who graduated at the West Point Military Academy at the close of the recent examination. Out of the twenty-seven members . . . the first fifteen were assigned to the Engineer Corps.

Senate Breaks Heavy Legislative Logjam; No Action Set On Pay Equalization

NUMEROUS military bills were rushed toward enactment this week, as Congress headed into the final lap before adjournment. Topping the list of measures of major interest is the "White Charger" bill (page 1), which was cleared for the President's signature by Senate acceptance of House Changes (THE JOURNAL, 2 April).

With one week to go, no further action had been scheduled on either the retired pay bill, the Hébert employment measure or the Reserve Officer contract plan.

Two Navy bills—the emergency "hump" legislation (page 3) and the submarine incentive plan, which was modified to include submarine pay for the bathyscaphe Trieste (page 6)—won Senate Armed Services Committee approval, and were expected to be cleared for the White House without mishap.

Three "Medal" bills also neared their last legislative hurdle. The measures, previously passed by the House, were sent to the Senate floor by action of the Armed Services Committee. One is a long-pending measure which applies only to the Air Force and redesignates the "Distinguished Service Cross" and "Soldier's Medal," for that Service, as the "Air Force Cross" and "Airman's Medal." Another of the measures authorizes a commemorative medal to be presented to persons who have served (or who serve in the future) as members of a U. S. expedition to Antarctica. The third bill permits all of the Services to award medals which were recommended within the current time limit, but were not actually awarded because of loss of the recommendation or inadvertence.

Two "household goods" measures, passed by the House, cleared the Senate and appear to be headed for certain enactment. One of the measures equalizes travel and transportation allowances and transportation of dependents and household effects by giving Reserve officers (involuntarily released to inactive duty) the same right to "select" a home that is now given to Regular officers discharged with severance pay. Reservists, released under such circumstances at present, are entitled to the travel allowances and transportation of dependents and household effects only to the established home of record at the time of recall to active duty, or to the place from which recalled. The second bill imposes new limitations on the transportation of household effects and baggage by air. It provides that no commercial air transportation of household effects may be undertaken for any member if the overall cost would be greater than by some other method, unless the transportation officer certifies that air transportation is necessary and that no other method will meet the requirements of the situation. Additionally, the bill limits commercial air transport of unaccompanied baggage to 1,000 pounds.

Here are some of the other bills on which late action was taken, and the outlook for their enactment:

Navy Holloway Graduates—The Senate approved this bill (S 3733) requiring Regular NROTC graduates (those who receive free college education under the Holloway Plan) to make application in order to get out of the service at the expiration of their obligated tour. The plan, although proposed by the Defense Department, has not been acted upon in the House and there is little chance that House action will be taken this session, which means the measure will die.

Reserve Examinations—This House-passed measure, approved by the Senate, eliminates a requirement that members of the Standby Reserve must have a physical examination every four years. It can be expected to win enactment.

ROTC Flight Instruction—Also a House-passed measure, this bill has been approved by the Senate and sent to the White House. It extends for four more years, the present authority for the Services to provide flight training in ROTC programs.

Service Academy Increase—This measure, expected to be passed by the House as THE JOURNAL went to press, authorizes an annual increase of about 50 cadets each at the U. S. Military Academy and the U. S. Air Force Academy to replace others who drop out. No similar legislation has been introduced in the Senate and chances for Senate action are somewhat slim, all though not ruled out.

Omnibus ROPA Bill—The Reserve Officer Personnel Act amendments bill, as re-written in the Senate, won House agreement and was sent to the White House for signature.

Armed Force Procurement—The Vinson bill to amend the Armed Services Procurement Act (THE JOURNAL, 25 June) was approved by the House and sent to the Senate, but there was no assurance that time would permit its consideration in that body.

Admiral Wilson, General Bragdon—By votes of 73-18 and 68-18, respectively, the Senate confirmed the nomination of Maj. Gen. John S. Bragdon, USA-Ret., Special Assistant to President Eisenhower, to be a member of the Civil Aeronautics Board, and VAdm. Ralph E. Wilson, Deputy CNO for Logistics, to be a member of the Federal Maritime Board upon his retirement from the Navy. Confirmation of the two officers had been opposed by Senator Clair Engle (D-Calif), not because he objected to the individual nominees, but because he believes appointments of all military officers to such posts should be foreclosed before the regulatory and administrative agencies are turned into "a second Pentagon" (THE JOURNAL, 18 June).

In defense of the appointments, Senator Norris Cotton (R-NH) said "The proposal to make an artificial distinction as between those whose original education and principal background are military in nature and those whose original education and principal background are civilian in nature is, in my judgment, a rather artificial, strained, and farfetched proposal. The test should be the ability, the integrity, and the competency of public officials, regardless of what may be their background." Senator Cotton said "If those whose background is military were to be judged only by that fact, we would be raising a precedent which is not conducive to efficiency or competency in public service."

Senator Barry Goldwater (R-Ariz) said the principle of civilian control of the Government was not involved in the nominations. "What is a retired military man but a civilian?" he asked. "What is a retired doctor or a retired politician? Because a military man happens to choose to serve his country in uniform instead of in the toga of a Senator, in the House of Representatives, as a Governor, or in the robes of a doctor, does that make him any different when he retires?" Senator Goldwater said if the Senate accepted Senator Engle's thesis it would have to "create a new breed in this country, and a new corral, so to speak, where we can put this breed, where they can live the rest of their lives in retirement and be denied the opportunity to serve their country." He said, "That is a strange attitude for a Senator to take—to deny any American civilian the right to serve his country merely because at one time he wore the uniform of the military." Senator Goldwater asked Senator Engle "what he would suggest we do with retired military men. . . . Where are we going to shove those citizens?"

Senator Engle's reply: "I would like to see them draw their pensions and go fishing. But if they do not want to do that, they should go into industry. I understand that industries all over the country hire a great many retired military personnel. I am in favor of that. What I oppose is lifelong professional soldiers taking over the Government's civilian regulatory agencies."

Senate Group Seeks "Searching Inquiry" Into Army, Marine Corps Modernization

From first page—

segment of our overall ground forces."

The committee said: "Army troops in the field are in urgent need of modernization," because current weapons and equipment do not permit Army "combat units to enjoy the full benefits of the pentomic concept as they have not been substantially reequipped since World War II."

The committee added: "There is a gap between the concept of organization and the existing weapons and equipment to carry out such a concept." Pinpointing the Army's present "modern weapons" deficiencies, the committee said that the active Army has:

- Only one-sixth of its requirements for the new M-14 rifle under contract through the current fiscal year.
- Only one-third of its needs for the new M-60 machinegun in production.
- None of the new 90mm recoilless rifle to provide protection for small units in forward areas against enemy armor.

Only one-fifth of the new lightweight and greater range armored personnel carriers under contract.

- Only one-tenth of its requirements for the new M-60 tank on order.
- No new 105mm or 155mm self-propelled howitzers on order.

The committee, noting that missiles

"are fast becoming the core of firepower for a modern army," also had this to say about the six missile systems which are "deemed essential . . . to achieve modernization of our ground forces":

Little John—substantial quantities are needed.

Sergeant—only one-sixth of the active Army requirements are under contract.

Pershing—only two are on order at present.

Hawk—only one-third of active Army requirements are in production today.

Redeye—none are in the hands of troops although an urgent need exists.

Davy Crockett—hundreds are on order when thousands are required.

In the field of aviation, the committee said the Army requires "substantial quantities of four new types of aircraft—the Caribou, Chinook, Iroquois, and Mohawk in order to move, shoot, communicate and supply itself."

The committee said "at current production rates it will take several years for the Army to modernize its aircraft."

Additionally, the committee noted that many essential items of "so-called non-glamorous equipment" also are needed.

The committee recommended that "The Secretary of Defense should conduct a prompt and searching inquiry into the adequacy of our preparedness program for modernization of our Nation's ground

combat forces."

The committee said "If the results of this inquiry reveal agreement with the essentiality of the proposed Army program, then it should be forthrightly pursued to assure a timely attainment of the equipment necessary for the troops in the field to meet potential threats

on the battlefield."

If the study finds "that the present program is adequate, in the face of urgent Army protestations to the contrary," the committee said it wants to be so notified "with specific analysis as to the adequacy of our position on the individual items discussed in this report."

**ARMY
NAVY
AIR FORCE
JOURNAL**
ESTABLISHED 1863



Published every Saturday by the
Army and Navy Journal, Inc.

1710 Connecticut Avenue Northwest
Washington 9, D. C.

Phone HObart 2-1220

ADVERTISING OFFICES:
1710 Connecticut Ave., N. W.
Washington 9, D. C.

Eastern Representative: James C. Sasmor, 230 Riverside Drive, New York 25, N. Y. Monument 3-3390.

Southern Representative: James C. Brittman, 1915 East Sunrise Blvd., Ft. Lauderdale, Fla. JACKson 2-6930.

Midwestern Representative: Bill Patti & Associates, 6316 N. Lincoln Ave., Chicago 45, Ill. IRVing 8-4242.

Southwestern Representative: Richard E. Holerman, 9006 Capri Drive, Dallas 18, Tex., DIamond 8-1229.

West Coast Representative: Chris Dunkle & Associates, 740 South Western Ave., Los Angeles 5, DUnkirk 7-6149; and 420 Market Street, San Francisco 11, Sutter 1-8854.

Member Audit Bureau of Circulations.

Subscription Rates: To individual members of the U. S. Armed Services and their families: One year, \$7.50; Two years, \$12.75. To civilians and organizations: One year, \$10.00; Two years, \$17.50. Single Copies, 30¢. Foreign Postage except APOs and FPOs, \$1 extra per year; Air Mail Postage to APOs and FPOs \$6.50 extra per year.

"The Army and Navy Journal is established in the interest of no party; it will be controlled by no clique. Its independence will be absolute."—From Volume 1, Number 1, Army and Navy Journal, 29 August 1863.

MEMO -

SENATOR BARRY GOLDWATER (R-ARIZ.), a brigadier general in the Air Force Reserve, had some biting comments this week concerning the failure of the Senate to act on the Retired Pay Equalization Bill. He told his colleagues: "Congress passed legislation to equalize the retirement pay of its own members" and although he finds no particular fault with that action he does "find fault when we do not take equal interest in equalizing the pay of retired military personnel."

THE DECISION ON CAPITOL HILL to recess before the political conventions and then reconvene after they are over brightens the hope that the Senate will act this summer on Pay Equalization. There is no question that during the next weeks, Senate members are going to receive hundreds of letters from their retired constituents pointing up the need to remedy the pay injustice.

WHAT WILL BE DONE BY THE PENTAGON to gain support for the President's proposal to equalize military pay remains to be seen, but the decision for a split session of Congress provides an opportunity for delayed legislative liaison.

IT IS NOTEWORTHY that throughout this session, Senator Lyndon Johnson (D-Tex), the Majority Leader, has said nothing on the matter of retired pay. This was surprising since there are thousands of retired military people in Texas, and the measure was given strong support in the House by Representative Paul Kilday (D-Tex). A word from Senator Johnson likely would assure quick passage of the bill.

REPRESENTATIVE MELVIN PRICE (D-Ill.), inserting into the Congressional Record an article by Brig. Gen. Irving L. Branch, USAF, on "Aerospace Nuclear Power," published in last week's issue of The Journal, said: "Those who know the project best agree unanimously that as an existing technology it is now technically feasible to test flight an A-plane—the Pentagon and the Budget Bureau notwithstanding." Representative Price, who has been a leading advocate for the nuclear aircraft program, commented: "If ever a program has been studied to death, it has been the aircraft nuclear propulsion program. It seems that the only thing that will discourage the appointment of more committees to study the project will be the first flight of an atomic plane by the Soviets." Mr. Price said he has been "impressed" with the work of General Branch "and with his efforts to get the atomic plane off the ground." General Branch is AF Assistant CofS Development for Nuclear Systems.

BUREAU OF THE BUDGET OFFICIALS, working hard on the project at the request of the Pentagon, reportedly were nearing completion this week on their study of the accrual flying pay proposal. There is good reason to believe that had the Defense Department pushed this proposal earlier in the year, enactment could have been attained during the 1960 session of Congress.

THE ARMY HAS PUBLISHED in Circular 600-5 the names of thousands of non-Regular officers in the grade of captain or who were promoted to major between 31 January-31 March 1960 who will be eligible for retirement in the next five years. All of the Services are going to be hit hard by 20-year retirements through 1965.

THE NAVY ENTERED the new fiscal year on a dramatic note. The pioneer ballistic missile submarine George Washington arrived 1 July at Cape Canaveral, Fla., "to begin weapons tests and training." After several weeks in that area, the Polaris submarine will depart for sea and the forthcoming undersea launchings of the Fleet Ballistic Missile.

ARMY MEN WILL BE HAPPY about the "modernization" report of the Senate Preparedness Subcommittee (page 1). The general theme of the report—certain to hearten the ground soldier—is this: "The weapons carried and utilized by our soldiers must be continually re-evaluated and technically updated. Their weight must be reduced, their firepower increased, their dependability and adaptability improved, and they should be economically produced. Combat and general purpose vehicles and equipment of all types must keep contemporaneously in step with weapons development. Finally the soldiers themselves have to be modernized so they are capable of operating the complex new machinery of war and are adaptable to the physical and mental stresses characteristic of a potential atomic battle area."

WEAPONS NEEDED BY THE ARMY are not "dream" weapons, the report points out. The models required are in existence. What is needed is their production and issuance to the troops in the field."

MIDSHIPMEN ENTERING ANNAPOLES this summer are going to find the going a little lighter—at least when it rains. They will wear a newly designed Dacron raincoat with detachable cape, which weighs 1 pound 11 ounces. This replaces a 3 pound 13 ounce rain cape of heavy rubberized cloth. The new coat was designed by Cdr. Douglas O. Williams SC, Officer-in-Charge of the Midshipmen's Store at the Academy.

A SERVICE AGE DIFFERENCE IS NOTED by Comptroller General Joseph Campbell in a new decision which allows basic pay credit for the time spent during an underage enlistment in the Services. Such time, however, cannot be used to compute the percentage factor of retired pay or the number of years necessary to qualify for retirement. In the course of his decision, the Comptroller pointed out that the minimum statutory age for enlistment in the Navy and Marine Corps is 14. The Army and Air Force by law must require all enlistees to be at least 17 years old. In actual practice, no Service will accept recruits younger than 17.

ARMY MEDICAL MEN, like others in the Armed Services, sometimes are not current with their immunization shots. Analysis of the highly acclaimed deployment of two emergency field hospitals to earthquake-hit Chile shows that a number of medical men lacked proper immunizations. The necessary shots were given during a refueling shot in Panama.

THE PENTAGON'S MANPOWER CHIEF, in an address at the opening of the Reserve Officers Association National Convention in New York City, failed to mention the Pentagon study that is being made of the Reserve Forces structure. The directive for such a study came in January from the White House. Assistant Secretary Charles C. Finucane said "Our Reserve Forces . . . have never been more important, nor have they ever had a more significant responsibility to discharge," but he gave no assurance that plans are not being considered to cut the size of the Reserve Forces.

THERE IS SPECULATION that the Pentagon will keep the new Reserve Forces study under wraps until after the elections. It's impossible to survey the National Guard and Reserve programs without considering political ramifications.

IN ACCORDANCE WITH PENTAGON ACTIONS in past election years covering the Truman and Eisenhower Administrations, you can anticipate that steps will be taken to assure maximum publicity for defense contract awards during the summer and early autumn months. Good guess is that a number of the announcements will contain a paragraph concerning the number of jobs that are involved in a particular project. This, of course, is a procedure which should be followed at all times, but somehow this is done with best effectiveness only before elections.

STATION CHANGES in the Armed Forces will be under tightened control during the next 12 months. Budget cuts for PCS will necessitate such action. The Army has ordered that enlisted personnel will not be moved from one station to another in the U. S. in less than 18 months, except for those undergoing initial basic and advanced individual training.

IN OFFICER RANKS, a new Army directive specifies that reassignment within the U. S. "will be allowed only to meet certain requirements." Temporary duty in connection with PCS moves will be slashed from a maximum of seven days to a maximum of one.

THE ARMY ORDERED curtailment in the use of commercial sea and air transport except to areas not adequately served by MSTS and MATS. This change takes effect 1 August.

THE ARMED FORCES entered the last month of fiscal '60 with a strength of 2,465,500. Here is the breakdown with the fiscal '61 strength goals shown in parentheses: Army, 868,116 (870,000); Navy, 611,034 (619,000); Air Force, 815,000 (825,000); and Marine Corps, 171,593 (175,000).

THE ARMY'S FIRST ENLISTED PARATROOPER, M/Sgt. William "Red" King and M/Sgt. Paul B. Huff, the first paratrooper to win the Medal of Honor, are on duty with the 101st Airborne Division at Ft. Campbell, Ky. They celebrated the 20th anniversary of Army Airborne 25 June with jumps from an L-20 Beaver. For Sergeant King, it was his 351st jump.

RADM. CHARLES K. BERGIN will leave command of the Pacific Fleet Mine Force at Terminal Island, Calif., and will head the Navy's Operational Test and Evaluation Force at Norfolk. RADM. Frederick J. Beckton will succeed Admiral Bergin, continuing also his present duties as Commander Cruiser Division Five.

THE NAVAL AIR ROCKET Test Station at Lake Denmark, N. J., within the geographical area of Picatinny Arsenal, will be turned over to the Army 29 July. The 754-acre Naval station will be utilized in connection with Picatinny's increased responsibilities for research and engineering in liquid propellants. Capt. John J. Baranowski commands the Naval Station. Col. R. R. Klanderman is the Picatinny Commander.

A THIRD LEGION OF MERIT was presented last week during ceremonies at the WAC Center, Ft. McClellan, Ala., to Col. Mary A. Hallaren, the third WAC Director, who retired 30 June after 18 years service. WAC Chief from 1947 to 1953, she holds the service number, L-1.

FOUR SERVICE OFFICERS have been graduated from the Department of State Senior Seminar In Foreign Policy. This nine-month course is the most advanced training in international relations offered by State. The graduates are Col. Alan A. Crockett, USAF; Capt. William M. MacCormick, USN; Col. William S. McCrea, USA; and Col. Daniel C. Pollock, USMC.

MAJOR POLICY DECISIONS will emerge from the Marine Corps General Officers' Conference in Washington, D. C., 6-8 July. Approximately 40 Marine Generals will assemble for the sessions, described by Headquarters as "a series of discussions on broad Marine Corps policies, plans, and problems." This will be General David M. Shoup's first opportunity since taking over as Marine Corps Commandant last January to gather his major commanders for a full-scale exchange of views.

THE FAMILY OF THE BAZOOKA INVENTOR the late Lt. Col. Gregory J. Kessenich, would be awarded \$100,000 by the Government under the terms of a Senate-passed bill. The measure is opposed by the Army which said "the Government never agreed to compensate Mr. Kessenich for its use of the invention."

ROTC Program Faces Review

From first page—
of Assistant Secretary of Defense Charles C. Finucane.

The crux of the ROTC problem, budget-wise, hinges on a decision as to how much money the Federal Government should spend for construction of campus training facilities.

Faced with rising enrollments and cramped for space, many college presidents are taking the position that if the Government does not provide new ROTC "brick and mortar," it will be necessary for them to seek cutbacks in the program. But the budget aspect, however critical, is only part of the problem.

At the Budget Bureau and in certain Pentagon offices, philosophical questions are being raised concerning the ROTC program, notably relating to the size of the participation in the basic (freshman and sophomore) phase.

Leading the resistance against those who maintain that the basic ROTC strength should be cut is the Army.

At present, the Army has about 150,000 students in the ROTC program, and each year commissions about 14,000.

To those who maintain that the commissioned output can be achieved with a smaller base, the Army answers with the position that the Services have a responsibility to inculcate military concepts of patriotism and devotion to duty among as many college students as possible.

The Army says that the broad base assures a top quality selection for the ROTC senior phase which leads to a com-

mission as a second lieutenant.

The Air Force, disappointed at the low retention rate of ROTC graduates as career officers, has been surveying changes in the ROTC curriculum, with an emphasis on increased selectivity at the basic level.

The Navy, which alone of the Services is authorized to subsidize the college education of its ROTC students under the Holloway Plan, is not confronted with a major need for new campus construction.

No matter what decisions are reached at the Pentagon, Budget Bureau, and White House, Congress is going to make the final determination on the ROTC strength.

This will be recognized by college presidents who will use their influence on Capitol Hill, pro and con.

Some campus leaders will see in the new survey an opportunity to press for curtailment or elimination of ROTC activities at their schools. They will say that this is in accord with the viewpoint of many Government officials in the Nation's Capital.

They will have a strong case if the Department of Defense says publicly that the ROTC program should be reduced. The Department will be forced to say this if budget support is reduced.

On the other hand, there are scores of college presidents who insist that ROTC training is a vital part of their total educational program. These educators will use their influence to gain Congressional approval for necessary budget allocations.

Army Orders

From page 5—

Army Polar Research & Dev Cen, Ft Belvoir, Ltinski, Alfred M, Ft Belvoir, to USA Map Sv, Wash, DC. Williams, Charles H, Ft Leonard Wood, to Korea.

1st Lieutenant

Kruchten, Russell J, Ft Benning, to Off Stu Co, USAAVNS, Ft Rucker. Hall, George M, Jr, Ft Bragg, to USASETAF. Nazareno, James M, Columbus, Ohio, to Off Stu Co USAAVNS, Ft Rucker. Hanke, Davis S, Ft Lawton, to USA ADGRU, Korea, Yongsan. Jackson, Alan T, Ft Sam Houston to Germany.

2d Lieutenant

Kyhl, Curtis D, Ft Belvoir to Off Stu Co, USAAVNS, Ft Rucker.

SIGNAL CORPS—

Maj Gen Ralph T Nelson, C Sig O Colonel

Evans, John D, Jr, Wash, DC, to USA ROTC Instr Gp, Northeastern Univ, Boston.

Lt Colonel

Tudor, Ralph N, Long Island City, NY, to USA Sig Gar, Ft Monmouth.

Major

Irish, Ralph G, Miami, Fla, to Hq 508th USASA Gp, Yongsan, Korea.

Captain

Wer, Melville B, Ft Monmouth, to First USA Stu Det, Governors Is, w/sta Harvard Univ, Cambridge.

Von Dach, Robert F (AS) Ft Devens, to First USA Stu Det Governors Is, w/sta Columbia Univ, NY.

Vinaw, David E, Ft Devens, to Hq US AS ALASKA, Ft Richardson.

Price, Douglas E, Ft Meade, to France.

Rosas, John S, Atlanta, Ga, to Sub-Ofc Sta La Ofc, Lexington Sig Depot, Lexington, Ky.

Malone, Albert R, Jr, Atlanta, Ga, to France.

1st Lieutenant

Kondl, Albert J, Ft Gordon, to USA Elm Hq Pac Comd, Cp H M Smith, Hawaii.

To Off Stu Co, USAAVNS, Ft Rucker

Tetzchner, Carroll J, Ft Hauchuca.

Johnston, Norbert B, Ft Meade.

2d Lieutenant

Beque, Peter A, Ft Hauchuca, to 1st Adm, Ft Riley.

Gunji, Gen, Ft Gordon, to 586th Sig Co, Ft Sheridan.

L/C Roush Is Benning G-1

Lt. Col. Calvin T. Roush is the new G-1 of the Army Infantry Center at Ft. Benning, Ga.

He succeeds Lt. Col. Norvin E. Smith, Jr., who becomes Commander of the newly activated First Armored Rifle Battalion, 58th Infantry, First Infantry Brigade.

PRESIDIO BOUND

Col. Homer B. Chandler, Jr., Commander of Nuernberg Post, Germany, will depart 9 July for Headquarters XV Army Corps at the Presidio of San Francisco.

Traveling aboard the USNS General Maurice Rose, departing from Bremerhaven, Col. Chandler, will be accompanied by his wife, Anne, son John, and daughter, Cecilia.

They will spend 30 days visiting friends and relatives together with his family at their home in La Jolla, Calif.

ADJUTANT GENERAL'S CORPS—

Maj Gen Robert V Lee, TAG Major

Blakely, Hugh L, Ft Ord, to France.

Captain

Enright, Eugene J, Ft Stewart, to USASETAF.

2d Lieutenant

Tweddle, Thomas, St Louis, to 3d Armd Cav Regt, Ft Meade.

Medenhall, Gordon D, San Francisco, to 32d MRU, Ft Lewis.

JUDGE ADVOCATE GENERAL'S CORPS—

Maj Gen George W Hickman, Jr, TJAG Major

Murphy, Wallace S, Wash, DC, to TJAGSA, Charlottesville, Va.

QUARTERMASTER CORPS—

Maj Gen Andrew T McNamara, QMG

Lt Colonel

William, Smothers, Columbus, O, O to USA ADGRU Korea, Yongsan.

Major

Asmus, Grover W, Wash, DC, to USA Elm Hq USEUCOM, Paris, France.

Kirschner, Kenneth B, Ft Leonard Wood to Germany.

Moores, Jesse T, Ft Carson to France.

1st Lieutenant

Holmes, James R, Ft Sill, to Off Stu Det Hq & Hq Co USALS, Presidio of Monterey.

2d Lieutenant

Lewallen, Gleon E, Carlisle Bks, to 1st Inf Div, Ft Riley.

Bussiere, Aurel A, Ft Lee, to USA Gar, Ft Sheridan.

FINANCE CORPS—

Maj Gen Paul A Mayo, C of F

Lt Colonel

Crawley, John L, Jr, Norfolk, to USA Elm Hq Pac Comd, Cp H M Smith, Hawaii.

1st Lieutenant

Hulsman, Norbert A, Ft Meade, to USA Gar, Ft Jay.

2d Lieutenant

Alonso, Anthony L, Wash, DC, to USA Gar, Ft Stewart, Ga.

2 July 1960 (Vol. 97, P. 1275)

Army Navy Air Force Journal

13



CENTAUR (A United States Space Vehicle) will report back through TI-built FM/FM telemetry.

TI TELEMETRY IN MISSILE SYSTEMS

APPARATUS
DIVISION

TEXAS INSTRUMENTS
INCORPORATED
6000 LEMMON AVENUE • DALLAS 9, TEXAS

New Army Majors

The Army in S.O. 130, effective 22 June, has promoted the following captains to temporary major. They include captains through Numbers 1259, Army Promotion List, 138 MSC and 409 ANC in Circular 624-66, dated 14 September 1959.

Alexander, M P, Inf
Baumann, L R, Inf
Berres, John P, Arm
Biggs, Thos R, MPC
Carpenter, F J, CE
Carter, A M, SigC
Daly, Harriett C, ANC
Elliott, Shed R, OrdC
English, A J, Jr, Inf
Ess, Earl D, MSC
Font, Joe A, Inf
Gotter, Fred B, CE
Groseclose, T S, Arm
Hawthorne, V J, QMC
Hillman, L C, Inf
Hougen, John H, Inf
Hoyle, Chas J, Inf
Johnson, B A, MSC
Johnson, Dale N, Inf
Kelley, Thos W, Arm
Klein, John M, Inf
Koebe, N G, OrdC
Lister, Wm C, Inf
Longstroth, A G, Inf
Williams, G E, Inf
Malhafer, H J, Inf

McCarthy, J F, Arty
McDaniel, P B, Arm
McGarity, Wiley, Inf
McManamy, K, SigC
Metcalf, Edw A, 3d, JAGC
Miller, H J, Jr, AGC
Moffitt, John P, Inf
Page, Jas M, Jr, Arty
Pastell, John S, Inf
Pride, Richard, Arty
Proctor, F D, Inf
Reed, James B, TC
Reynolds, D H, Arm
Richards, C R, OrdC
Snell, Dillon, Inf
Stigall, Arthur D, Inf
Tobin, Richard E, Inf
Johnson, Dale N, Inf
Tracy, Geo W, Inf
Vall, Jas M, Inf
Whichard, Wm A, Inf
Williams, G E, Inf
Zittel, G H, Jr, MPC

Captain
Hampson, Floyd F, Jr, San Francisco, to Hq Fifth USA Stu Det, Chicago, w/sta Univ of Nebraska, College of Dentistry, Lincoln.

Medical Service Corps—
Col Roy D Maxwell, Chief Lt Colonel
Funston, Howard J, San Francisco, to USAH, Carlisle Bks.

Major
Epperson, Jordan L, Ft Ord, to Off Stu Det Hq & Hq Co USALS, Presidio of Monterey.
1st Lieutenant
Sisk, Leonard C, Ft Sheridan, to Fifth USA Stu Det, Chicago, w/sta Univ of Mich, College of Pharmacy, Ann Arbor, Mich. Tatam, William M, Ft Leavenworth, to Fitzsimons GH, Denver. Sightler, David A, Ft Campbell, to Stu Det USA Med Dep, Louisville, USAH, Ft Jackson.

2d Lieutenant
Gillespie, James, Pittsburgh, to Stu Det Letterman GH, Presidio of San Francisco, Keim, Walter H, Ft Sill, to 5th Msl Bn (Lafayette) (SP) 33d Arty Regt, Ft Sill.

Army Nurse Corps—
Col Margaret Harper, Chief Major
Lockhart, Marie L, Dugway Pr Gr, Utah, to William Beaumont GH, El Paso. Matte, Ruth E, Wash, DC, to USAH, Ft Devens.

Captain
Tussey, Hanna M, San Francisco, to William Beaumont GH, El Paso. Ginsberg, Miriam K, Wash, DC, to Hq First USA Stu Det, Governors Is, w/sta Columbia Univ, Sch of PH & Admin Med, NY.

1st Lieutenant
Imsland, Joan L, Ames, Iowa, to Madigan GH, Tacoma.

ORDNANCE CORPS—
Lt Gen John H Hinrich, C of Ord Major
Shively, Crete B, Detroit, to USA ELM USMTMSA, Riyadh, Saudi Arabia.

Captain
Sumpter, Cecil A, Jr, Redstone Arsenal, Ala, to Germany.

—Continued on page 16

L/C Holmes to VII Corps

Lt. Col. Eugene J. Holmes, Artillery Liaison Officer, Army Combat Development Experimentation Center, is departing Ft. Ord, Calif., for the VII Corps at Moehringen, Germany.

Colonel Holmes and his wife, Irene, have three children.

Electronic Proving Ground Commander Tells New Goals

From first page—

mands for command and control of the units on the battlefield require communications and surveillance systems of ever increasing numbers and complexity. Communications and electronics are being asked to perform target acquisition and observation functions that in the past were done by sound, sight, and personal presence. Since he can no longer see it from the hillside, the battle must be brought to the Commander.

Furthermore, in the tactical encounters of tomorrow time will be the key word—and there will be little time to ponder the situation. Readiness to react and move must be the guiding principle of modern combat. The pace of modern war is becoming so rapid that unless direction is swift and almost continuous the force of the combat striking group will be completely ineffectual.

Thus it is that, as the Chief Signal Officer recently pointed out, the initial mission of the Signal Corps—to train signalmen—has grown with the increased demands of technological advance and the evolution of modern warfare to in-

clude research, development, procurement and supply of signal equipment.

Out of this expanded mission has grown also the Army Electronic Proving Ground to stand as the "connecting file" between the user in the field and the developer in the laboratories.

By way of illustration, let us take one area—surveillance. The Field Army, represented here by USCONARC, expresses a need for a continuous, all-weather, day and night systematic watch over the battlefield. This concept is developed in terms of specific items of equipment having certain capabilities and meeting certain specifications. These requirements are given to the Signal Laboratories where such pieces of equipment as ground to ground radar, air to ground radar, side looking radar, cameras and so forth are developed.

As each piece of equipment is developed, it is sent to the Proving Ground for testing. Here it is tried under various conditions to determine if it will meet the requirements established by the using agency. Not only is it tested as a single item, but it often is combined with other items to be tested as a sub-system or as a total surveillance system. Thus, in the particular area of combat surveillance and target acquisition, both propeller-driven and jet surveillance drones equipped with a wide variety of sensing devices, such as radar, automatic cameras, infrared, and television are being adapted to the mission of penetrating enemy lines and sending back information. New types of mobile and portable ground radars complement these aerial platforms. At the same time we are working on automatic data processing systems to sort and evaluate this information and present it to the Commander so that he can have the intelligence he needs for rapid decision.

Other areas of technical interest to the Proving Ground are strategic and tactical communications, electronic warfare, avionics for army aircraft and the broadening field of space and satellite communication.

Having accepted the principles of dispersal and mobility as the cornerstones of military tactics in an atomic age, we must face up to the implications of that policy. Today the Commander must have effective operation of a myriad of devices and systems for direct operations rang-

ing from a simple "handle-talkie" to complete navigational systems and for local air defense. He must, in addition, control equipment for counter-operations including electronic warfare and jamming. The emphasis today is on electronics as a means of attaining these ends.

This emphasis has caused the number of radio and radar emitters in a battlefield area to grow many fold in the few short years since WWII. At the end of that war, a Field Army contained approximately 25,000 electro-magnetic emission devices. If we should go to war today, an Army would have about 75,000

such devices in an area approximately 100 miles square, and new and additional equipment under development indicate future increases in quantity of devices.

In addition to quantity, developers have called upon higher and higher power emission in order to obtain greater operating range, to thwart potential counter measure threats, or to avoid interference from other devices. This increase in power level, coupled with increases in receiver sensitivity, in a situation of spectrum congestion, has increased the problem of mutual interference. The man-made electromagnetic

environment in which communications-electronic equipment is expected to perform in an important fact-of-life which can no longer be ignored.

The military services have conducted more than eighty studies in their efforts to reduce interference, to improve frequency allocation techniques, and to determine the effect of electromagnetic incompatibility. These studies have formed the basis for planning and developing at the Proving Ground, an Electromagnetic Environmental Test Facility, more commonly known as EETF. This facility by proper balance of field experiments



analyses, and mathematical modeling will reveal existing incompatibilities of equipment and systems, will suggest modification to present equipment to reduce interference and will provide a firm basis for establishing standards for new equipment.

The EETF represents a practical compromise between two impractical extremes. An attempt to solve the problem of interference by experimentation alone would be too expensive and unwieldy. Field maneuvers that are conducted periodically for other purposes offer no opportunity for controlled investigation. Nor is it feasible to solve the problem solely by the use of mathematical models because there are not at hand today sufficient data for formulating the model. In any event, the validity of such a model

requires confirmation in a controlled experiment. The EETF with its reproducible environment and monitoring and measuring facilities can be viewed as an analog simulator wherein many real components are used with a mathematical model to guide the operation and extend the results. It represents a valuable training ground where Signal and other units can cope with a realistic, tactical, electromagnetic background.

The initial program will consider the electromagnetic environment generated by a Division within an Army Corps. Later we expect to be testing the equipment of a full Army. For the future, we anticipate that EETF will become of service to all elements of the Armed Forces.

Another major problem confronting the field commander of the modern Army is

this: How does he collate all of the information available to him within a time frame short enough to make the information useful? Here, too, the Proving Ground is at work, testing and evaluating an automatic data processing system in support of the Field Army.

This system can be divided into four sub-systems: command and operations which function in direct support of operations; intelligence which covers the storage, collation, routing, and retrieval of intelligence data; personnel and administration with emphasis on personnel record-keeping, and logistics embracing the areas of supply, transportation, medical data processing, etc.

Each sub-system, when completely developed, will consist of a group of machines with the organization, personnel,

operational procedures, computer programs, and communication requirement necessary to operate them. Eventually, the sub-systems will be combined into a single, integrated, tactical ADP system. The sequence of development starts with the individual application studies assigned by D/A and CONARC to various agencies throughout the Army. For example, we are working closely with the Artillery and Missile School, Ft. Sill; the Adjutant General's Board, Ft. Benjamin Harrison; the Intelligence Center, Ft. Holabird; the Army Management Logistics Center, Ft. Lee; the U. S. Army Command Staff College, Ft. Leavenworth, and of course the Signal School and Laboratories, Ft. Monmouth, and with USCONARC.

After the studies have been completed and approved by CONARC, they are sent to the Proving Ground for implementation. Here, they are reviewed and grouped together to form all or part of a subsystem. As an example, the Artillery and Missile School completed five studies covering as many areas of data processing in artillery fire support. These have been combined into a single system for which a complete computer program is being written.

The Signal Corps is meeting the challenge imposed by changing firepower and tactics by developing of new methods of surveillance and target acquisition, new techniques and systems for communication, and more effective methods of electronic warfare. We are undertaking to explore the problem of electromagnetic congestion in a practical and realistic manner. We are meeting the challenge of time by developing and adapting modern hi-speed computer techniques to the tactical Army.

This year marks the Centennial of the Signal Corps. As has been pointed out, it marks, as well, "the beginning of a second century of seeking new frontiers and dimensions in communications and electronics for our modern Army." The U. S. Army Electronic Proving Ground belongs to that second century.

All-Service Pentagon Disability Study

From first page

Act which will begin later this month—the Engle Committee will review in detail the causes for disability retirement in all Services.

A major difference in policy is expected to arise between the Navy and other Services concerning the definition of causes for which a Service member should receive a disability retirement.

The Navy advocates its present broad definition of "unfit because of physical disability" in the screening of personnel for retirement.

Navy officials say each case should be judged on its individual merits, following the general definition that "a member is unfit because of physical disability when he is unable because of physical disability to perform the duties of his office, rank, grade or rating in such a manner as to reasonably fulfill the purpose of his employment on the active list."

Army and Air Force officials—reported to be in close agreement on most points—are said to prefer a more restrictive list of exactly what disabilities qualify for disability retirement.

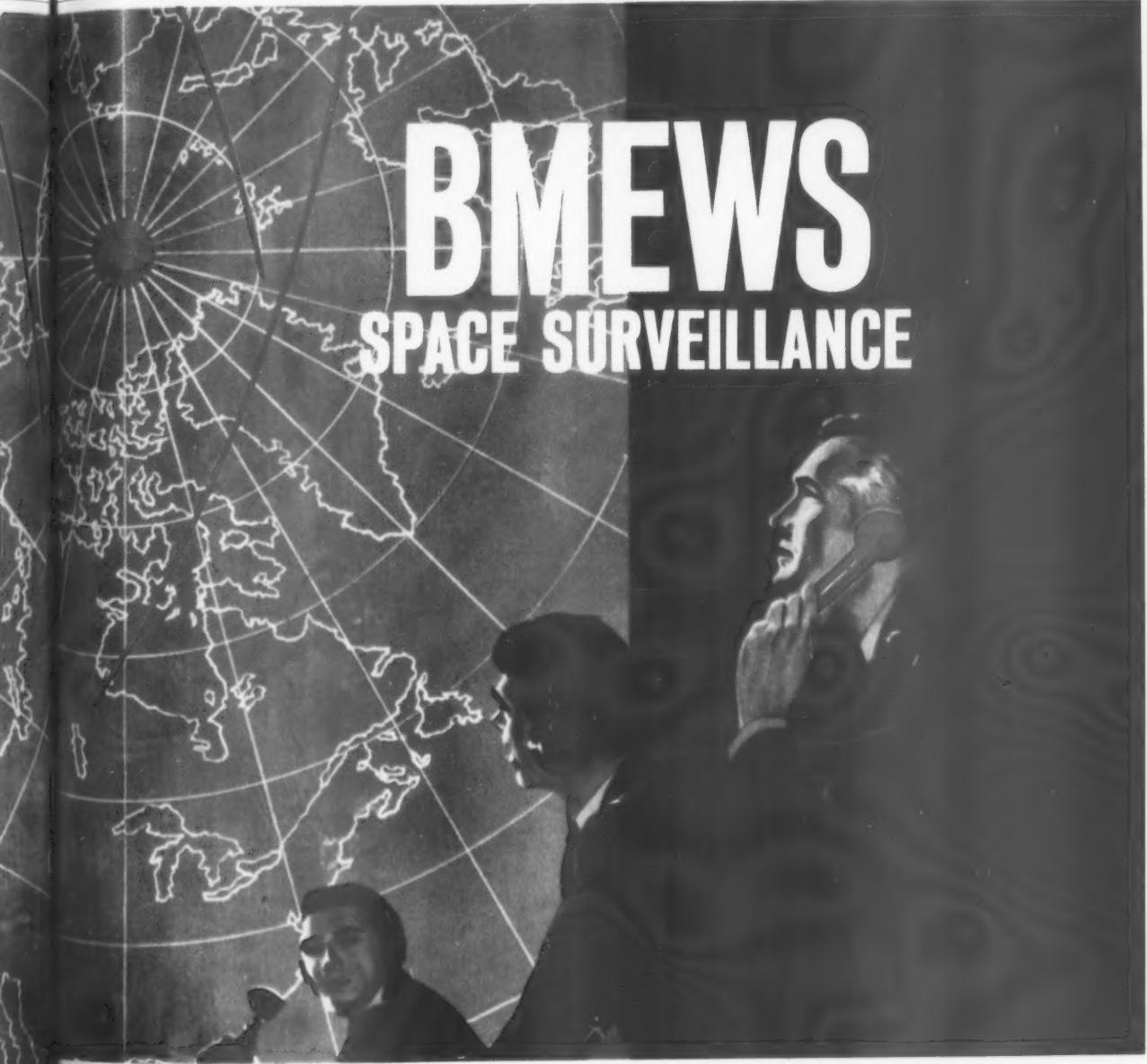
Inter-Service differences are also reported on the procedures, including the rights of Service members, which should be followed in processing disability retirement cases before physical evaluation boards and review boards.

Army and Air Force committee members are Maj. John E. Connolly and Col. Russell S. Leone, respectively.

Col. Carmack Manpower Chief

Col. Beverly E. Carmack, former Chief of Materiel, 26th Air Division, Syracuse, N. Y., has been named Chief of Manpower & Organization for the Oklahoma City Air Materiel Area at Tinker AFB.

BMEWS SPACE SURVEILLANCE



ICONORAMA DISPLAY SYSTEMS

Fenske, Fedrick & Miller, Inc. will provide an ICONORAMA System for the BMEWS Program under subcontract to RCA, prime contractor for this missile detection system. ICONORAMA is a plotting and display system that records the movement of multiple objects and projects the paths of the objects on a display area. ICONORAMA is the first system that can graphically record in multiplicity, variable information for projection viewing, creating both two dimensional and three dimensional systems. Thus, ICONORAMA contributes to BMEWS, the first electronic system designed to give early warning against ICBMs. ■ ICONORAMA Systems are in use at major missile testing sites, including White Sands Proving Ground, Pacific Missile Range and Cape Canaveral. Other ICONORAMA Systems are also being installed at both the Headquarters of North American Air Defense Command (NORAD) and Strategic Air Command (SAC).

FENSKA, FEDRICK & MILLER, INC. • 12820 Panama Street • Los Angeles, California
a subsidiary of TEMCO AIRCRAFT CORPORATION, Dallas, Texas

Army Orders**From page 13—****To Korea**Jackson, Henry T., Ft Bragg, N.C.
Pell, Claude, Wash., D.C.**1st Lieutenant**Miller, James R., Wash., D.C., to USA Engr
Cen, Ft Belvoir.
Shaul, Rollin E., Ft Benning, to USA Ord
TC, Aberdeen Proving Ground.**CHEMICAL CORPS—****Maj Gen Marshall Stubbs, C Cml C****Captain**Brooke, Stafford R., Jr., Ft McClellan, to Stu
Det HQ Fourth USA, Ft Sam Houston, w/sta
Tulane Univ., New Orleans.
Hodge, Harold B., Jr., Ft McClellan, to HQ
First USA Stu Det, Governors Is., w/sta
Univ. of Connecticut, Storrs.**1st Lieutenant**Jones, Carleton H., Jr., Ft McClellan, to Stu
Det Second USA, Ft Meade, w/sta Ohio
State Univ., Columbus, O.**2d Lieutenant**Verdini, Henry R., Ft McClellan, to USA Cml
Arsenal, Rocky Mountain Arsenal, Denver.**CHAPLAINS CORPS—****Maj Gen Frank A. Tobey, C of C****Lt Colonel**

Kirsch, Russell O., Ft Bliss, to Germany.

M/G Pachler Gets 7thMaj. Gen. Francis I. Pachler, Director of
Operations, Office of the Deputy CofS for
Operations, Department of the Army, is
headed for Korea and command of the
7th Infantry Division. He was at Ft.
Benning, Ga., this week for Infantry
Center briefings.**Major**

Cooper, Rufus A., Ft Bliss, to Germany.

1st Lieutenant

Slichter, Verne A., Ft Campbell, to Germany.

TRANSPORTATION CORPS—**Maj Gen Frank S. Besson, Jr., C of T****Colonel**Conine, James C., Wash., D.C., to USA Elm Hq
Allied Land Forces SE Europe, Izmir,
Turkey.**Lt Colonel**Layton, Victor J., Wash., D.C., to USAAVNS,
Ft Rucker.**Major**

Crane, Hal P., Jr., St. Louis, to Hawaii.

CaptainKizer, Robert A., Ft Eustis, to British Army
Trans Cen, Longmoor Cen, Liss Hants,
England.Kinney, Arthur K., Jr., Ft Lewis, to France.
Doane, Ralph L., Ft Eustis, to USA Elm
JUSMMAT, Ankara, Turkey.**SCHOOL AND CAMP DIRECTORY**

The Schools and Camps listed below are effectively equipped to care for the educational and recreational needs of the children of members of the services and this Directory is recognized as an authentic and reliable aid to service parents in solving the problem of child education. For details as to the Schools listed in this Directory address them directly or communicate with the Army Navy Air Force Journal Dept. of Education, 1710 Conn. Ave., N.W., Washington 9, D.C.

ALABAMA**MARION INSTITUTE**

119th year. Fully accredited four-year
Preparatory School and Junior College
in the heart of the Deep South. Special
preparation for Army, Navy, and Air
Force Academies. Fully Military with
Senior R.O.T.C. Small classes. Honor
System. Sports. For view book write:

Director of Admissions,
Marion Institute, Box J, Marion, Ala.

**CALIFORNIA****MT. LOWE MILITARY ACADEMY**

BOYS 8-14

- Expert Supervision
- Accredited Academic Training
- Jr. Military Training. Cadet Unit Approved by State Adjutant General
- Athletic & Recreational Activities

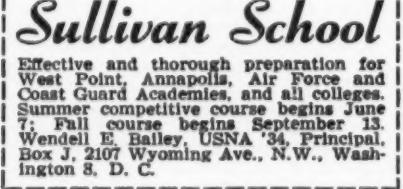
\$25 Per Month
603 W. Palm St. Altadena, Calif. BY 4-5879
Dept. A Maj. J. H. Dargan, President

DIST. OF COLUMBIA**COLUMBIAN**

"The Service-Academy Prep"

Est. 1899. Intensive, individual preparation for West Point, Annapolis, Air Force Academy, etc., and all colleges. How-to-study training. Since 1944 over 85% of full-time students have entered the Academies and colleges. Special "cram" courses begin in January and February. Summer School June and July. Fall term begins in September. For full information write:

Box A, 1811 Biltmore St., N.W., Washington 8, D.C.

**NEW YORK****BRADEN'S**Established
1883

CORNWALL-ON-HUDSON, N.Y.
Personalized preparation for all Service Academies and College entrance requirements. Enrollment limited to 45. Success after entrance assured by Advance Course. Summer Course for competitive exams. Catalog.

Lt. GERALD J. SULLIVAN, Ret., Principal
H. VINCENT VAN SLYKE, Executive

NEW YORK (cont.)**THE MANLIUS SCHOOL**

Accredited college preparatory and 7th and 8th grade. Military ROTC. Ski platoon. Tutorial assistance included. Close supervision of study. Students grouped by scholastic ability. Fall, winter, spring sports. 125 acre campus. For "Tutorial Method" and catalog, address:

ROBERT M. WEEKS, Dir. of Admissions
MANLIUS SCHOOL, MANLIUS, N.Y.

PENNSYLVANIA**VALLEY FORCE**

MILITARY ACADEMY

"At the Nation's Shrine," Valley Forge, shrine of our freedom, has loaned its name to this fully accredited, distinguished Mil. Acad. and Jr. Coll. Small classes, highest academic standards. Prep. School, grades 9 thru 12 & Jr. Coll. All sports. Arty., Cav., Infantry, Band, Senior Div. ROTC. Catalogue. Box V, Wayne, Pa.

VIRGINIA**Fishburne**

MILITARY SCHOOL

A distinguished military school for the young man seriously concerned with adequate preparation for college. Accredited since 1897. Grades 9-12. Highest ROTC rating. Summer School. Catalogue. Box 1, Waynesboro, Virginia.

FORK UNION

MILITARY ACADEMY

Our ONE SUBJECT PLAN of study in Upper School (grades 9-12) is the highest honor in the school. Devotion, concentration. Fully accredited. ROTC highest rating. 17 modern buildings. 3 completely equipped gyms. 3 indoor pools. Excellent health record. Junior School (grades 5-8) has separate buildings, gym, pool. Housemothers. 62nd year. For ONE SUBJECT PLAN books and catalog write: Dr. J. C. Walker, Box J, Fork Union, Va.

**STAUNTON**

MILITARY ACADEMY

In Beautiful Shenandoah Valley. Thorough college preparation; fully accredited. Individual guidance. Band. All sports. 2 gyms. Pool. Fine health record. Fireproof buildings. Separate Junior School. Illus. Catalog write Supt. S.M.A. Box W, Staunton, Va. BASIC COURSE R.O.T.C. BY U.S. ARMY INSTRUCTORS.



Founded 1860

Military School Chiefs Meet At The Citadel

GENERAL Mark W. Clark, USA-Ret., President of The Citadel, is shown with Maj. Gen. W. C. Westmoreland (left), newly named Superintendent of the U.S. Military Academy, and Brig. Gen. G. R. E. Shell, USMC Ret., who became Superintendent of Virginia Military Institute 1 July, during graduation ceremonies at the Citadel.

General Westmoreland was commencement speaker and received an honorary Doctor of Military Science degree. General Shell was on hand to present commission to Citadel graduates entering the Marine Corps as second lieutenants.

1st Lieutenant

Cooke, John H., Ft Sill, to Korea.
Payne, Joseph C., Ft McPherson, to France.
Sweetow, Burton, Ft Benning, to Germany.
To Stu Det Third USA, Ft McPherson, w/sta
Univ. of Tennessee, Knoxville

Dickinson, Roy B., Ft Dix.
Gontarski, Joseph W., Ft Riley.
Halloway, Kenneth E., Ft Bragg.
Katz, Charles M., Ft Bliss.
Wilmes, John J., Ft Bragg.

MILITARY POLICE CORPS—**Maj Gen Haydon L. Boatner, PMG****Lt Colonel**

Merrill, John T., Wash., D.C., to Stu Det USA
Elm AFSC, Norfolk, Va.
Jones, Sherbert B., Ft Sam Houston, to Germany.

To Korea

Adams, William, Portland, Oreg.
Lewis, George G., Ft Gordon.

Major

Myers, Robert J., Governors Is., NY, to Korea.
Captain

Frith, Kenneth A., St. Louis, to Korea.

WOMEN'S ARMY CORPS—**Col Mary L. Milligan, Director****Major**

Anderson, Rayna L., San Francisco, to Korea.

Captain

Lamb, Elaine A., Ft Jackson, SC, to Germany.

1st Lieutenant

Parker, Virginia J., Ft Benjamin Harrison,
to Korea.

To Germany

Burford, Charlotte W., Ft Meade.
Smithwick, Marjorie L., Denver.

CHIEF WARRANT OFFICERS—**Harmel, Edward J., Ft Niagara, to USA Polar**

R.D. Cen, Ft Belvoir.
Swearinger, Harry P., Ft Leonard Wood, to USA Polar R.D. Cen, Ft Belvoir.

Averyt, Clyde R., Ft Rucker, to Germany.
Cook, W-4 William K., Ft Bragg, to Japan.

Muller, W-3 Francis L., New York, to USA
Elec. Ptg, Ft Huachuca.

Bradley, Phil E., Ft Sam Houston, to Stu Det
USA Med Optical & Maint Actv, St Louis,
Mo.

Bradford, George W., Hq USASA Pac, APO

Col. Withers Named Army G-4 In Japan

Col. Edwin J. Withers has been named G-4, with the U.S. Army, Japan.

He has been Assistant South Pacific
Division Engineer under Brig. Gen.
Robert G. MacDonnell in San Francisco.

Colonel Withers has assisted in the
programming, budgeting, and general
management of a \$150 million Military
and Civil Works construction program
spread over Arizona, California, Nevada,
and Utah. This concerned work at 57
Army and Air Force installations, in
cluding construction of missile bases.

Colonel Withers' wife is the former
Maxine K. Earhart of Terre Haute, Indiana.

Degrees At Picatinny

Colonel R. R. Klanderman, Commanding Officer of Picatinny Arsenal, Dover, N.J., has congratulated four officers who received MA degrees under the Regular Army Ordnance Indoctrination Tour.

The graduates, who received their degrees in Engineering are, Captains John D. Meglen, Rodney M. French, Ellis O. Atkinson and Hubert W. Laquement. They attended advanced schooling at Stevens Institute of Technology, Hoboken, N.J.

145, NY, to USA Avn Test & Support Actv.
Ft Rucker.

Walters, William J., Wash., D.C., to Stu Det USA Med Optical & Maint Actv, St Louis.

Simpson, Reuben J., Colorado Springs, Colo., to 2d Msl Bn, Ft Bliss.

To Korea

Nishi, Hisao, Ft Lewis.

Wilson, Carnot H., Ft Huachuca.

Thorn, Ellard H., Ft Bliss.

RETIRED—**Colonel**

Cameron, Joseph M., MC, pd (70%).

Veule, Donovan P., Jr., Arty, pd (10%).

Crawford, Stuart F., Arty.

Brown, Percy H., Jr., Armor.

Garton, George G., Arty.

Brteil, Claude C., MSC.

Kenny, Eugene A., SigC.

Lt Colonel

Coeyman, William M., SigC.

MacLaughlin, Matthew C., QMC, pd (30%).

Hallaren, Mary A., WAC, as Col.

Ritts, James H., Inf.

Bentley, Byrnes F., JAGC, as Col (50%).

Captain

Whitcomb, Laura M., pd (70%) fr temp dist.
ret list.

Retired Upon Application

Colonel

Hanson, Chas C., Arty

Jearne, J. G., Jr., Inf

Jordan, H. A., Inf

Allen, Wm H., Jr., Arty

Mulvanity, E. D., QMC

Evans, Giles L., Jr., C

Lt Colonel

Dickerson, R. C., Inf

Connally, J. B., Inf

Robertson, H. J., VC

Murphy, D. T., Inf

Tully, Gordon R., MSC

Martin, C. L., SigC

Woods, Robt F., Arty

Hyde, Robt G., Arty

Cole, Howard R., Arty

Maher, W. G., Arty

Peterson, Sami R., Inf

Major

Amos, E. M., SigC

Connally, J. B., Arty

Robertson, H. J., Inf

Bell, J. C., Inf

Connally, J. B., Inf

Robertson, H. J., Inf

Wilkins, John R, QMC, as Lt Col.
Gordon, Samuel J, OrdC.
Jameson, Eugene J, Arty.
Johnson, Frank W, USAF.
Foster, George R, MSC.
Daly, James V, Inf.

Captain

Probasso, Morgan C, Jr, SigC, as Maj.
Schweinitz, Lawrence L De, as Maj.
Caudle, Robert G, Jr, SigC.
Craig, James R, Armor, as Maj.

Chief Warrant Officer

Dasham, W-2 Paul A, TC.
Harkovich, W-2 Feodor, Arty.
Mancioccchi, W-2 Louis J, SigC.
Tremblay, W-3 Leo A, OrdC.
Figueroa, W-3 Victor A, AGC, as Lt Col.
Cook, W-3 Willis E, AGC.
Hopkins, W-2 Henry A, Arty.
Somerville, W-3 Robert L, AGC.
Miller, W-3 Herman S, TC, as Maj.
Amodeo, W-3 Guddle P, OrdC.
Evensen, W-3 Norman, QMC, as W-4.
Wingrove, W-3 Marvin V, AGC.
Mohler, W-2 Samuel C, Jr, TC, as Maj.

70 TEMP DISAB RET LIST

Fregoli, Col Albert, OrdC (80%).
Learnard, Col Henry G, Jr, Inf (60%).
Groves, Willice E, SigC (60%).
Hudson, McClure, MPC (60%).
Off, Lt Col Samuel J, TC (60%).
Smits, Lt Col Clifford L, OrdC, as Col (70%).
Wiseheart, M/Sgt John W, as Lt Col (60%).
Ellison, M/Sgt Irving J, as Capt.

RESIGNED

Lt Colonel

Mixon, Basel M, Jr, MC.
Captain

Burns, R C, DC Lafleur, J D, Jr, CE
Aiken, Robt E, MC McPeek, F D, Arty
Collins, D F, ANC

SUBSISTENCE DEPUTY

Col. William F. Durbin has been named Deputy Executive Director of the Military Subsistence Supply Agency, Chicago, under Maj. Gen. Hugh Mackintosh.

Colonel Durbin succeeds Brig. Gen. Thad A. Broom, USA-Ret., at the \$700-million Defense Department food supply organization.

1st Lieutenant

Merten, Geo D, MSC Kyasky, Robt A, Arty
Majure, Jerry A, TC Sturgis, B B, Arty
Barber, O M, Arty Smith, R W, QMC
Stone, F R, Jr, Inf Lowe, Thos L, Jr, Inf
Leighton, P M, Arty

PROMOTED IN RA

To Colonel

W/DR 1960

17 Jun: Carroll, Francis L, MC; Ursin, O Elliott, MC.

20 Jun: Elges, Carl H, Jr, TC.

To Lt Colonel

W/DR 1960

22 Mar: Leach, James H, Armor.

15 Jun: Pacey, William A, MSC.

17 Jun: Schmidt, Ronald W, QMC.

19 Jun: Kirk, Frank A, Jr, QMC; Parker, Robert M, Jr, Armor.

To Major

W/DR 1960

15 Jun: Riordan, Frank J, Jr, Arty.
18 Jun: Coggins, Clyde A, Inf; Sperring, David H, ChC; Brinegar, Maurine O, WAC.
20 Jun: Murphy, Wallace S, JAGC; McLeod, Donald G, Jr, MC; Pope, James K, MC.

To Captain

W/DR 1960

15 Jun: Adams, David G, CE; Adamson, George W, Inf; Aguilar, William P, Arty; Ames, William I, Jr, SigC; Atwood, Thomas W W, Arty; Auer, Charles H, QMC; Barnett, Robert E, AGC; Berzinac, William E, Inf; Blakemore, Jesse O, Jr, Arty; Blackledge, David W, Arty; Blauvelt, Richard B, Inf; Bonnett, Thomas J, Armor; Bricker, James W, Inf.

Bynes, Vincent F, Jr, Inf; Campbell, James G, Armor; Canedy, Charles E, Armor; Canion, John N, Jr, Arty; Caruso, John P, Arty; Ching, Harry L F, Inf; Cipriani, Lawrence J, MPC; Collins, Ashby F, Inf; Cristan, Anthony F, Inf; Delahanty, Raymond A, Jr, Inf; Del Santo, Michael J, QMC; de Silva, Ernest B, Jr, Inf.

Dickson, Lee C, QMC; Dombrowski, Anthony J, AGC; Donnal, John A, CE; Doty, Benjamin E, Arty; Earle, Thomas B, Jr, Inf; Elder, Robert L, Jr, Arty; Elliott, Harry L, OrdC; Farlow, Wilbur McD, Armor; Felton, Robert G, Inf; Fifer, William A, Inf; Flanagan, John S, QMC; Ginsburg, Howard D, Arty; Gholosa, Thomas E, CE; Goodale, George S, Arty; Greyhosky, August, SigC; Reynolds, William A, Arty; Hallock, Richard G, Inf; Harrick, Stephen R, Arty; Higgins, Wiley T, Jr, MPC; Hino, Peter J, Arty; Hoerning, Richard E, Arty;

Holdoroff, George T, TC; Holley, James P, Arty; Irons, Martin H, Arty.

Kamakahi, Ronald D, Inf; Kelley, Kent C, CE; Kelley, William B, Inf; Kenyon, Robert B, Inf; Koval, Emil D, Inf; Kretzer, Alonzo S, Arty; Lawrence, Herbert L, Arty; Leaf, Edwin B, Jr, SigC; Leander, Richard C, OrdC.

Mactagone, Serafin G, Arty; Manning, Monroe L, SigC; Manning, William J H, Jr, Arty; Marshall, James L, Jr, Arty; McCormack, Robert F, 3d, TC; McElroy, Frank B, Jr, Arty; McLain, James L, Inf; Meadows, Benjamin T, Arty; Meister, Eugene C, Arty; Menzies, Neil A, Arty.

Miller, Leon M, AGC; Monclova, Irving, Inf; Moore, James B, Armor; Morrison, Clyde L, Arty; Newman, Francisco B, Jr, Arty; O'Connell, Leo A, AGC; Odorino, David W, Jr, SigC; Olmsted, James H, Arty; Park, William H, CE; Pollard, Louis M, Jr, Arty.

Potter, Edwin J, Arty; Prillaman, John P, Armor; Pulsipher, Elwin D, Inf; Richard, Donald W, OrdC; Rumph, Horry L, Arty; Sanders, Connelly, Jr, CE; Sandy, Roger D, Arty; Senich, Donald, CE; Seto, Sam C, Jr, Inf; Sievers, Ralph H, Jr, CE.

Simons, Frank D, Inf; Slusar, Peter, MPC; Smith, Raymond C, Armor; Soukup, John P, Inf; Spears, Gilbert, Jr, Arty; Spotts, Rodney W, Armor; Starke, John B, Inf; Stewart, John R, Inf; Stone, Hardy R, 3d, Arty; Tate, Penfield W, 2d, Arty.

Thompson, William J, Inf; Tolbert, James R, OrdC; Tuck, William A, Inf; Walker, James H, Arty; Walsh, Eugene R, TC; Wawleski, Richard F, Arty; Wells, William T, Arty; Welsh, Robert W, Inf; Whann, John T, AGC.

Whitesel, Thomas W, Jr, Inf; Wieland, Kay L, QMC; Wilson, Alvin T, Jr, Armor; Wilson, Gerald F, Inf; Griffith, William B, MC; Henry, Thomas S, 2d, MC; Lynch, Robt E, MC; Fullmer, Frederick D, DC; McDowell, Milton K, MC; Moll, Joseph H, MC.

W/DR 1960

16 Jun: Abbott, Walter H, CE; Alston, Lonnie N, Inf; Anderson, James C, Arty; Boring, Landin F, Inf; Dodge, Griffin N, Arty; McLeod, John S, Inf; Ochs, Charles C, QMC; Pulsifer, Donald W, Armor; Schotanus, Merle W, Inf; Tullar, Thomas A, Arty.

Adams, Nell D, Jr, MC; Andersen, Stig B, MC; DeHaven, Charles R, MC; Easterling, Ronald E, MC; Jack, Marious K, MC; Kleanthous, Costas, MC; McIlroy, William, MC; Mittelmann, Michael, MC; Robinson, Jas P, MC; Rockey, Dean McD, MC; Ross, Curlee, MC; Scott, Monte M, MC; Stone, Norman, MC; Torin, David E, MC; Wells, Ralph F, MC.

Frisch, George F, DC; Radke, Ryle A, Jr, DC; Shaffer, Ronald P, DC.

17 Jun: Dukkony, Stephen J, Arty; Fransen, Leonard R, TC; Herndon, Phillip H, AGC; MacLennan, Robert G, CE; Noll, William S, CMC; Proletti, Raymond A, SigC; Stoudemire, Harry B, Arty.

Druepple, LeRoy G, MC; Hailing, Leonard W, MC; Harle, Thomas S, MC; Margiotta, Mark R, MC; Rocke, Donald C, MSC.

18 Jun: Bell, Robert R, QMC; Callahan,

The Armed Forces Top Command

The Honorable Dwight D. Eisenhower
Commander in Chief of The Armed Forces

The Assistant to the President—Maj. Gen. Wilton B. Persons, USA-Ret.
Deputy Assistant to the President—Col. Bryce Harlow, USA
Staff Secretary—Brig. Gen. Andrew J. Goodpaster, USA

Military Aide—Col. Robert L. Shultz, USA

Naval Aide—Capt. Evan P. Aurand, USN

Air Force Aide—Col. William G. Draper, USAF

Department Of Defense

Thomas S. Gates, Jr.
Secretary of Defense

Deputy Secretary of Defense—James H. Douglas, Jr.
Director, Research and Engineering—Herbert F. York

Assistant Secretaries of Defense

Franklin B. Lincoln, Jr. (Comptroller)
Charles S. Flinckane (Manpower, Personnel and Reserve)
John N. Irwin, II (International Security Affairs)
E. Perkins McGuire (Supply and Logistics)
Floyd S. Bryant (Properties and Installations)
Dr. Frank B. Berry (Health & Medical)
Murray Snyder (Public Affairs)
J. Vincent Burke, Jr. (General Counsel)

Joint Chiefs of Staff

General Nathan F. Twining, USAF
Chairman

General Lyman L. Lemnitzer—Chief of Staff of the Army
Admiral Arleigh A. Burke—Chief of Naval Operations
General Thomas D. White—Chief of Staff of the Air Force
General David M. Shoup—Commandant of the Marine Corps

Tri-Service Cap And Gown Ceremony



MITCHEL College has awarded Doctor of Law degrees to Lt. General Blackshear M. Bryan, USA-Ret., right, who delivered the commencement address, and Lt. Gen. William E. Hall, USAF, Commander of the Continental Air Command. Bestowing the Honorary Degrees is Admiral Richard E. Conolly, USN (Ret.) President of Long Island University and sponsor of the College at Mitchel AFB, N. Y.

Brittain, Richard T, Inf; Cooper, Robert A, Arty; English, Don C, Inf; Johnson, Chester F, FC; Laningham, William O, Arty; Marlin, Yancey F, QMC; Santa Barbara, Joseph R, Arty; Simmons, Cecil K, Inf.

18 Jun: Billey, John J, AGC; Dresher, Robert C, Inf; Nuenke, William L, 3d, CE; Ruee, David N, MSC; Trees, Lester W, Jr, Arty; Weston, Ray D, Inf; Wood, Peter W, SigC.

19 Jun: Brown, Beauregard, 3d, TC; Bynam, Holland E, Inf; Foster, John F, Arty; Loudermilk, Roy L, Jr, SigC.

20 Jun: Burke, Richard A, Jr, Inf; Calhoun, Charles C, Inf; Fiske, John R, Armor; Horn, Robert C, Arty; Moses, Laurence G, Inf; Nash, Tom P, Jr, Arty; Peach, James G, TC; Spurgers, Roy K, Arty; Steger, Geo F, Inf; Van Cleave, Henry D, Jr, QMC; Herndon, Joseph E, Jr, MSC.

TEMPORARY PROMOTIONS

To Colonel

Byrd, William H, Jr, Arty; Clark, Sam J, SigC; Hickman, Marion D, Arty; Jameson, Roy A, Arty; Wilson, James M, Inf.

To Captain

Arneson, Leslie A, MC; Brown, Cecil E, Jr, DC; Carver, Joseph K, DC; Cloud, William M, MC; Curnin, James H, Jr, DC; Miller, Robert E, MC; Olsen, Stephen J, DC; Orty, Thaddeus J, DC; Osmer, John C, MC; Pappas, Charles N, 3d, DC; Pittman, Harrison V, Jr, DC; Platts, James L, DC; Pryber, Albert J, DC; Reaves, John A, Jr, MC; Rogers, Lee F, MC; Rossing, William O, MC; Stewart, Jack B, Jr, DC; Vowles, Keith O, DC.

Hufziger, Dale A, DC; Newcomer, Kermitt L, MC; Reid, William S, DC; Matsubara, William T, DC; Elwell, Robert H, MC; Rudman, Harold L, MC.

To 1st Lieutenant

Lubetsky, Jacob, MSC; Bailey, Wallace D, AS; Courts, Phillip E, Inf; Lynn, Ira L, Inf; Richardson, John C, Jr, Inf; Ward, William J, AI.

HONORABLY DISCHARGED

Tobias, Capt Robert B, Jr, Inf.

Armour, Capt Thomas M, Inf.

Auld, Capt Stuart D, QMC.

Joyner, 1st Lt Floyd, Inf.

Logan, 1st Lt Andrew H, Inf.

Ross, 1st Lt Donald H, OrdC.

Schroeder, 2d Lt Robert C, CE.

FR PROBATIONARY APT TO RA COMMISSION

Schnepp, Capt William H, QMC (1st Lt, RA; temp Capt).

Jackson, Capt William B, TC (1st Lt, RA; temp Capt).

BRANCH ASSIGNMENTS

Evers, Lt Col Raymond R, Jr Arty to TC.
Honan, 1st Lt Joseph C, Jr Inf to FC.
Humphrey, 2d Lt Johnny M, Jr Arty to CMC.
Tuttle, 1st Lt William G T, Jr, Jr Inf to TC.

DESIGNATED ARMY AVIATORS

Master Army Aviator:

Pumphrey, Maj A T, Armor.

Senior Army Aviator:

Sanford, Capt Albert, Arty.

ADVANCED ON RET LIST

Heimonen, M/Sgt Welko, to 1st Lt.

Leinweber, M/Sgt Charley A, to Capt.

Porter, M/Sgt Ernest E, to 1st Lt.

Watson, M/Sgt Millard F, to 2d Lt.

Smith, M/Sgt Paul H, to CWO-2.

Gentry, Sfc Clarence, to M/Sgt.

—Continued on page 20

SERVICE FAMILY NOTES

Family Editor
Louise B. McGiffertAssociate Family Editor
Bertie Johnson

FRAU THIEME HEADS CLUB FEDERATION

FRAU Gretl Thieme has been elected President of the Federation of German-American Clubs in Germany, 11 June.

Affiliated with German-American Clubs for the past 11 years, Frau Thieme is the first German to become President of the 13-year-old Federation. The past five presidents have been Americans.

Frau Thieme's daughter, Fraulein Gretl Thieme, was an exchange student to Lindenwood College in St. Charles, Mo. in 1959. This exchange was sponsored by the Federation. Frl. Thieme plans to start a Junior German-American Club in Munich.

The Federation comprises 38 German-American Clubs and 6,000 members. The Federation sponsors such activities as the Penny Parade for Berlin Children, and the selling of Christmas Stamps to support the tuberculosis society. It also holds a youth seminar twice a year and sponsors at least 10 exchange students with the United States a year.

Service Folk

Suzanne McIlroy, daughter of Lt. Col. and Mrs. Horace S. McIlroy, who have been residing at Santa Clara, Calif., has won a scholarship to Vassar College where she will study English and foreign languages. Colonel McIlroy, who has been Continental Army Command liaison officer with industry for Northern California, Oregon and Washington, is under orders to U.S. Army Pacific, Ft. Shafter, Hawaii. Suzanne, in addition to winning the coveted scholarship, was given numerous other awards at other graduation from Santa Clara High School, including a National Merit Scholarship Certificate of Merit and a National Council of Teachers of English Achievement Award.



Miss McIlroy

Virginia Kay Mann, high honor graduate from Ayer High School, received a Ft. Devens, Mass., P-TA scholarship award of \$250 during graduation ceremonies at Ft. Devens. Daughter of the late Col. John W. Mann, former G-1 (Personnel) officer for XIII Army Corps at Devens and Mrs. Lillian Mann, she will attend Wellesley College.

Bonnie L. Griesbeck, daughter of Lt. Col. and Mrs. Wilson A. Griesbeck, Army Overseas Supply Agency, Ft. Mason, California, has received a DAR medal for excellence in American History. She has finished her junior year at Galileo High School in San Francisco and will continue her studies there. She is currently a member of the California Scholarship Federation.

Brig. Gen. William E. R. Sullivan, USA, 1316 Cleveland Street, Alexandria, Va., has received an honorary Doctor of Science degree from Northeastern University in Boston. President of the Army Chemical Corps Board, Army Chemical Center, Md., he is a 1928 chemical engineering graduate of Northeastern.

Maj. Gen. C. Rodney Smith, USA-Ret., has been named Vice President of the Free Europe Committee, Inc., with headquarters at Two Park Avenue, New York City. General Smith was Deputy Chief of Engineers for Military Operations when he retired from the Army Corps of Engineers to join the International Telephone & Telegraph Corporation as Vice President of the International Standard Electric Corporation. In 1958 he became Executive Vice President of International Standard Engineering, Inc., an ITT subsidiary in Paris. In 1959 he was named Vice President of ITT-Kellogg in Chicago.

The Free Europe Committee is a non-profit private organization which operates Radio Free Europe and other activities. The former Under Secretary of the Army, Mr. Archibald S. Alexander, is

President of the Free Europe Committee.

General and Mrs. C. Rodney Smith will make their home at Stewart House, 70 East 10th Street, New York City, after spending July and August in Europe where General Smith will visit a number of the field offices of the Free Europe organization. The two sons of General and Mrs. Smith, one a Captain and one a Lieutenant in the Corps of Engineers, are both stationed in Germany.

Col. Gerald C. Ward, USAF (Ret.), 311 Laurel Avenue, Wilmette, Ill., was awarded the degree of Master of Science by Northwestern University at the annual commencement exercises 13 June. Since retirement in 1955, Colonel Ward has been a member of the faculty of the Civil Engineering Department at North-

—Continued on page 24

Mrs. Smith Elected
By Rucker Wives

Mrs. James F. Wells has been succeeded as President of the Ft. Rucker, Ala., Officers Wives' Club by Mrs. Bill Smith.

Mrs. Ernest F. Easterbrook is Honorary President.

Mrs. Smith is the wife of Lieutenant Colonel Smith of the Army Aviation School and Mrs. Wells is the wife of Colonel Wells, Director of the Army Board for Aviation Accident Research at Ft. Rucker.

Mrs. W. N. Beard is Vice President; Mrs. J. R. Ahern, Treasurer; Mrs. R. G. Culbertson, Corresponding Secretary, and Mrs. C. M. Cook, jr., Recording Secretary.

Laura Jefferson Heads Sorority Chapter



NEW officers of the Alpha (Washington) Chapter of the Tau Omicron Phi, national sorority for Service officers' daughters, have been installed. They include Laura Jefferson, daughter of Col. (USA) and Mrs. Wayne O. Jefferson, President; Marilyn Arnold, daughter of RAdm. (USN) and Mrs. R. J. Arnold, Vice President; Lucy Ann Grace, whose parents are Col. (USA) and Mrs. William P. Grace, jr., Secretary; and Margarette (Bunny) Garland, daughter of Lt. Col. (USA) and Mrs. Lloyd H. Garland, jr., Treasurer. The Chapter has adopted a young Navajo Indian boy as its primary charity project. Seen here, left to right, are the President, Miss Jefferson; the past President, Miss Jane Miller; Miss Grace and Miss Arnold.

Army Families At Middlebury Ceremonies



Photo by Burlington Free Press

THREE Army general officers met recently at Middlebury College, Vt., when their daughters were among the honored senior students at Commencement exercises. Left to right are Brig. Gen. Thayer S. Olds and his daughter, Kathryn; Allyn L. Moorman, who was graduated *cum laude*, and her father, Maj. Gen. Thomas S. Moorman. Absent when the picture was taken were Lt. Gen. Lemuel Mathewson, USA-Ret., and his graduating daughter, Ellen.

Service Weddings and Engagements

THE Governor of the Canal Zone, Maj. Gen. (USA) and Mrs. William Everett Potter announce the marriage of their daughter, Jo Ann, to Mr. George Baker Hipp, son of Mr. and Mrs. George Lee Hipp, in an evening ceremony performed by the Rt. Reverend R. H. Barber Gooden, Bishop of the Missionary District of the Panama Canal Zone, at the Post Chapel, Ft. Myer, Va., 25 June.

Mrs. Edwin Gunner Schull of Charlottesville, Va., served as matron of honor for her sister, and Miss Cynthia Cowdry was maid of honor, with Misses Elizabeth Cherniack, Elizabeth Barker, Jane Lydman and Barbara Warden as bridesmaids. Mr. Robert Bauman was best man and ushering were Messrs. Donald Stansfield, Harry Thomas, Donald Vernooy, William Brunner, William Bales and E. G. Schull.

Mrs. Hipp, a graduate of Brownell Hall, Omaha, received a B.A. degree from Bucknell University in Pennsylvania earlier this month. Her husband, also a Bucknell graduate, holds a Reserve commission of lieutenant. Now on the staff



Mrs. Hipp

of the European Division of the Singer Sewing Machine Company in New York, he is also studying for an M.A. degree at the Graduate School of Business Administration, New York University.

Following a Virginia honeymoon, the couple will be at home at 67 So. Munn Ave., East Orange, N. J.

SEYFARTH-SMALLEY—Col. and Mrs. Howard N. Smalley of 539-B Simonds Loop, Presidio of San Francisco, announce the engagement of their daughter, Barbara, to Midshipman Robert E. Seyfarth, USNA, son of Mr. and Mrs. Ernst O. Seyfarth, West Newton, Mass.

The bride-to-be is the granddaughter of Col. (USA-Ret.) and Mrs. Howard R. Smalley of Rochester, N. Y.

DECKER-BALDWIN—Mr. and Mrs. Hanson W. Baldwin of Chappaqua, N. Y., have announced the engagement of their daughter, Elizabeth Cummings, to 1st Lt. Francis Keil Decker, Jr., son of Mr. and Mrs. Decker, also of Chappaqua.

Miss Baldwin, granddaughter of Mrs. William Mansfield Bruce of Springfield, Ohio, and the late Mr. Bruce, and of the late Mr. and Mrs. Oliver Perry Baldwin, was graduated from Abbot Academy, Andover, Mass., and attended Hollins College and the Sorbonne. Her fiance attended Phillips Academy, Andover, and was graduated from Princeton University Magna Cum Laude. Now stationed at Ft. Bliss, Tex., upon completion of two years' service in the Fall, he will attend Columbia Law School. He is the grandson of the late Mr. and Mrs. John W. Decker and the late Mr. and Mrs. Alexander Wills.

A September wedding is planned.

WESTERVELT-HENRY—The University Chapel, Charlottesville, Va., was the scene of the marriage of Miss Ernestine Meyer Henry, daughter of Mr. and Mrs. Addison B. Henry of Sharpsville, Pa., and Dr. Frederic B. Westervelt, Jr., son of Colonel (MC, USA) and Mrs. Westervelt of 1705 Essex Rd., Charlottesville, in an evening ceremony 18 June.

Mrs. Westervelt is a graduate of The College. Her husband took his undergraduate work at George Washington University and was graduated from the University of Virginia Medical School in 1955. He is a Fellow in Medicine at Georgetown University Hospital, Washington, D. C.

Upon their return from a Bermuda wedding trip, the couple will make their home at Arlington, Va.



Miss Baldwin

KEL...
O'Keef...
and Ma...
ter, Eli...
Kelly, ...
time Cl...
Her f...
and she...
Donna ...
The c...
Hudson...

MOO...
Mrs. K...
Wash...
their d...
David ...
and Mi...
ville, T...
Miss ...
tance, ...
Tennes...
berg, C...
The v...
the P...
Heidelb...

KRO...
David ...
Charles ...
gag e ...
their ...
Barbara ...
Mr. Ge...
Kre...
of Mr. ...
Pierson ...
Marvin ...
of Minn...
Miss ...
gradua...
College ...
liam a...
where ...
elected ...
Bet...
was a ...
soror...
tional ...
D. C. ...
Perth, ...
assume...

FAIR...
noon c...
Myer, ...
Barton, ...
Francis...
became ...
Fairchi...
322 ...
Given ...
bride h...
Trumb...
Priscill...
Ann Ba...
Lt. Joh...
and us...
USA, V...
B. F. E...
Follow...
the cou...

BOL...
H...
Ret.) a...
Buxton...
the bri...
18 June...
Post C...
groom C...
C. Bol...
The ...
her fat...
as her ...
etta Da...
Roberts...
Bayles...
Ahrens...
ushered...

Mrs. ...
associated...
attende...
nology ...
big bri...
den.

KELLY-O'KEEFE — Col. Keith T. O'Keefe, Qtrs. 87-F, Ft. Hamilton, N. Y., and Mrs. Mary M. O'Keefe of the Bronx, announce the marriage of their daughter, Ellen Marie, to Mr. John Sheridan Kelly, son of Mrs. James J. Kelly of the Bronx, 25 June at St. Nicholas of Tolentine Church, the Bronx.

Her father gave the bride in marriage, and she was attended by her sister, Miss Donna P. O'Keefe.

The couple will reside at Hastings-on-Hudson, N. Y.

MOORE-NELSON — Lt. Col. (USA) and Mrs. Kenneth Edward Nelson of Spokane, Wash., announce the engagement of their daughter, Elizabeth Susan, to Lt. David Russell Moore, USA, son of Mr. and Mrs. William Boyd Moore of Knoxville, Tenn.

Miss Nelson, who attended Washington State College at Pullman, and her fiance, a graduate of the University of Tennessee, are both stationed at Heidelberg, Germany with the Adjutant General Division, Headquarters, USAREUR. The wedding is planned for 23 July at the Patrick Henry Village Chapel, Heidelberg.

KROGFUS-SINGER — Col. and Mrs. David M. Singer of 1171 Arnold Dr., Charleston AFB, S. C., announce the engagement of their daughter, Barbara Sue, to Mr. Geryld Bradley Krogfus, son of Mrs. James Person and Mr. Marvin Krogfus of Minneapolis.

Miss Singer, a graduate of the College of William and Mary, where she was elected to Phi Beta Kappa and was a member of the Pi Beta Phi sorority, has been employed by the National Academy of Sciences, Washington, D. C. Her fiance, a Foreign Service Officer with the U. S. State Department, was graduated from the University of Minnesota, where he was a member of the Chi Phi fraternity. The wedding is planned for 9 July, after which the couple will leave for Perth, Australia, where Mr. Krogfus will assume new duties as U. S. Vice Consul.

FAIRCHILD-BARTON — In an afternoon ceremony at the Post Chapel, Ft. Myer, Va., 25 June, Miss Sandra Carole Barton, daughter of Mr. and Mrs. C. Francis Barton, Jr., of Short Hills, N. J., became the bride of Lt. James Berkley Fairchild, USA, USMA '60, son of Col. (USA) and Mrs. James M. Fairchild of 3924 2nd St., S.W., Washington, D. C.

Given in marriage by her father, the bride had as her attendants Misses Terry Trumbull, Patricia Hollingsworth and Priscilla Tufts, with little Miss Becky Ann Barton, her cousin, as flower girl. Lt. John S. Steele served as best man, and ushers included Lts. J. C. Lucas, USA, W. R. Good, USA, M. P. Lowrey, USA, Gerald M. Johnson, USMC, and B. F. Ennis, USMC.

Following a California wedding trip, the couple will be at home at Ft. Benning, Ga.

BOLING-HARVEY — Miss Vivian Estelle Harvey, daughter of Col. (USAF Ret.) and Mrs. Alva L. Harvey of 309 Buxton Rd., Falls Church, Va., became the bride of Mr. Charles Bernard Boling, 18 June in an afternoon ceremony at the Post Chapel, Ft. Myer, Va. The bridegroom is the son of Mr. and Mrs. Grady C. Boling of Gadsden, Ala.

The bride was given in marriage by her father and chose Miss Sandra Sims as her maid of honor, with Misses Laura Etta Dash, Suzanne Cook and Ellen Sue Robertson as bridesmaids. Mr. Truett Bayles was best man and Messrs. Willard Ahrens, William DeWitt and John Jolin ushered.

Mrs. Boling attended the College of William and Mary. Her husband, now associated with Republic Steel Corporation, attended the Georgia Institute of Technology and Auburn University. He and his bride will make their home at Gadsden.

JONES-CORBIN — Col. (USA) and Mrs. Francis Joseph Corbin of Qtrs. 41, Ft. Belvoir, Va., announce the engagement of her daughter, Ann Noble Corbin, to Lt. William W. Jones, Jr., son of Captain Jones, USA-Ret. of Newport, Tenn., and the late Mrs. Jones.

Lieutenant Jones is stationed at Ft. Riley, Kans.

The wedding is planned for 13 August at the First Christian Church, Amarillo, Texas.

BROWN-HILL — Miss Margaret Kirven Hill, daughter of Col. (USA) and Mrs. William Welch Hill, Jr., of 3310 Old Dominion Blvd., Alexandria, Va., and Lt. Walter Tarleton Brown, Jr., USA, son of Mr. and Mrs. Brown of Phoenix, Ariz., were united in marriage in a morning ceremony at the Post Chapel, Ft. Myer, Va., 25 June.

Entering the church on the arm of her father, the bride was attended by the sister of her bridegroom, Miss Katha Lynn Brown, as maid of honor, and Misses Holli Schmidt, Nancy Ann Cheek, Janice Frei and Cynthia Beach as bridesmaids. Mr. Frederick L. Brown served as his brother's best man, and Lts. Robert E. Clark, J. W. Camp, Jr., L. C. Caruso, III, and Andrew Kushner ushered.

Mrs. Brown attended Mary Washington College of the University of Virginia at Fredericksburg. Her husband, USMA '59, is currently stationed at Ft. Bragg, N. C., where he and his bride will be at home upon their return from a honeymoon in the Great Smokies.

HALL-HUGHES — The Chapel of the First Presbyterian Church, Columbus, Ga., was the setting 25 June for the morning marriage ceremony of Miss Eleanor Hughes and Lt. Frederick Benjamin Hall, III, USA, son of Col. (USA) and Mrs. Hall, Jr., of Qtrs. 44, Ft. Belvoir, Va. The bride is the daughter of Mrs. Herbert Hugh Hughes of Columbus, and the late Mr. Hughes.

Miss Teency Hughes was maid of honor for her sister, who was given in marriage by their uncle, Mr. Emory L. Jenkins of Atlanta, and Misses Helen Mickler, Mary Hill Grubbs and Alice Hall, sister of the bridegroom, were bridesmaids. Colonel Hall was best man for his son and groomsmen included Lts. D. L. Kouns, H. T. Eubanks, G. F. Kaiser and R. S. Sudesell.

Following a Nassau wedding trip, the couple will be at home at Ft. Benning, Ga.

HEFLIN-TRAIL — Miss Sharon Lee Trail was married to Capt. Henry Grady Heflin, Jr., USA, 25 June at St. Paul's Episcopal Church, Altus, Okla., in an afternoon ceremony. The bride is the daughter of Col. (USA) and Mrs. Harry E. Trail of 646 Batson, Ft. Sill, Okla., and parents of the bridegroom are Mr. and Mrs. Evan McLaren Houseman of Ft. McNair, D. C.

Attended by Mrs. James D. Heflin as matron of honor and Misses Linda Jones, Jo Ann Williams, Sue Jennings and Amanda Rice as bridesmaids, with Masters Duke and Irby Heflin, nephews of the bridegroom, as ringbearers, the bride was given in marriage by her father. Mr. J. D. Heflin was best man for his brother and ushers were Capts. W. J. Brinson, L. L. Daugherty, B. L. Warthen, J. T. Breunig, J. R. White, R. B. Respass, V. B. Driscoll and E. E. Hooper, all of Ft. Sill.

Upon their return from a honeymoon in old Mexico, Captain Heflin and his bride will be at home at 212 Northwood St., Lawton, Okla.

HOCH-WHITTAKER — Mr. and Mrs. Thomas Whittaker of Rockville Centre, N. Y., announce the engagement of their daughter, Dorothy Joan, to Lt. John Emerson Hoch, Jr., USN, son of Captain (USN) and Mrs. Hoch of 3150 No. Pollard St., Arlington, Va.

Miss Whittaker attended Edgewood Park Junior College. Her fiance, USNA '53, attended the Pentacost-Garrison School for Boys in Tennessee and is a graduate of the Friends School, Moorestown, N. J. Designated a Naval Aviator, he has recently completed a two-year course in Aeronautical Engineering at the Naval Post Graduate School, Monterey, Calif.

An August wedding is planned.

2 July 1960 (Vol. 97, P. 1281)

Army Navy Air Force Journal 19

Mrs. Davis Leads Presidio Wives



NEW officers for the Presidio Woman's Club of San Francisco are, front row, left to right, Mesdames John A. McCloskey, Treasurer; Harold J. Pangle, Assistant Treasurer; Cameron Woods, 2d Vice President; Robert M. Cannon, Honorary President, and George O'Brien, 3d Vice-President.

In the back row are Mesdames Theodore A. Seeley, 1st Vice-President; Robert C. Canham, Recording Secretary; Avery Cochran, Retiring President; H. Haskell Ziperman, Corresponding Secretary; Thomas C. Davis, President; and Eda M. Russell, Retired Representative.

SCHOMAKER-BETANCES-RAMIREZ — Lt. Col. and Mrs. Carlos Betances-Ramirez of Ft. Leavenworth, Kans., announce the marriage of their daughter, Ana Maria, to Mr. Donald Schomaker, 10 June at Our Lady of Fatima Church, Hato Rey, P. R., in a double ring ceremony. The bridegroom is the son of Mr. August J. Schomaker of New Jersey.

Attended by Mrs. Lillian B. Sotelo as matron of honor and Miss Lydia Betances as bridesmaid, the bride was given in marriage by her father. Mr. George Pierluissi was best man.

The couple will make their home at Akron, Ohio.

HOUSEMAN-LORD — Given in marriage by her father, Miss Ann Elizabeth Lord, daughter of Col. (USA) and Mrs. Noah Louis Lord of Ft. Totten, N. Y., was married to Mr. Evan Kenney Houseman at the Ft. Totten Chapel in an afternoon ceremony 25 June. Parents of the bridegroom are Maj. Gen. (USA) and Mrs. Evan McLaren Houseman of Ft. McNair, D. C.

The sister of the bridegroom, Miss Jane Houseman, was maid of honor, and Miss Geraldine Parrino was bridesmaid. Mr. Leon Brown was best man, with Messrs. Kenneth Dishart, Joseph O'Lair and Stuart Reynolds ushering.

Mrs. Houseman is a graduate of Barnard College and has been a member of the Registrar's office staff at the College, while working on a Master's degree at Columbia University. Her husband, an alumnus of Yale University, is a chemical engineer with E. I. duPont de Nemours Company, Wilmington, Del. He, too, is working toward a Master's in Business Administration at the Drexel Institute of Technology, Philadelphia.

When they return from a Bermuda wedding trip, they will be at home at Wilmington.

FERRELL-MILLER — Col. (USA) and Mrs. James A. Miller of Fitzsimons GH, Denver, Colo., announce the marriage of their daughter, Joan Ann, to 1st Lt.

John F. Ferrell, USA, son of Dr. and Mrs. John J. Ferrell of Newark, N. J., at the Post Chapel, Fitzsimons General Hospital, 18 June in a double ring ceremony and Nuptial Mass.

The bride was given in marriage by her father and chose Miss Jeanie Peyton as her maid of honor, with Mesdames Gene Davis, Colin Rich and Miss Luan Meriweather as her other attendants. Best man for the bridegroom was 1st Lt. James B. Brayton, and ushering were 1st Lt. R. C. Yoemans, Mr. J. F. Ryan and Mr. John A. Miller.

Mrs. Ferrell, a graduate of Indiana University, has been employed at Fitzsimons in the Office of Finance and Accounting. Her bridegroom, a graduate of Cornell University's School of Veterinary Medicine, is assigned to the U. S. Medical Research and Nutrition Laboratory at Fitzsimons.

Following a trip to Las Vegas, the couple will reside at Fitzsimons Gardens.

—Continued on next page

tell your friends about

harry's

*"The Liquor Locker
for the
Armed Forces"*



WHERE WOULD YOU LIKE TO LIVE?

Major company has openings in most areas of U. S. for men of executive ability. If you are an officer, regular or reservist, and are looking for a permanent position with highest earning potential when you leave the service, write us. We will finance you while you train. Write Box 246, The Journal.

Weddings & Engagements
From preceding page

McGRATH-HALL — Col. and Mrs. Carl C. Hall of 947 Stoneybrook Dr., Springfield, Pa., have announced the marriage of their daughter, Terry Anne, to Mr. Herbert G. McGrath, son of Mr. and Mrs. S. I. McGrath of Norfolk, Va., 18 June at the Naval Base Chapel, Philadelphia, Pa.

Miss Lynda Hall was maid of honor for her sister, who was given in marriage by their father, and bridesmaids were Misses Patricia Williams and Jane Anderson.

Mrs. McGrath, whose father is Deputy Chief, Purchasing Div., Military Clothing & Textile Supply Agency, attended Radford College in Virginia. Her husband is a recent graduate of Virginia Polytechnic Institute.

Upon their return from a Bermuda wedding trip, the couple will make their home at Nashville, Tenn., where Mr. McGrath will be a student at the Divinity School of Vanderbilt University.

PALLADINO-HALLORAN — Miss Martha Catherine Halloran, daughter of RAdm. (USN-Ret) and Mrs. Thomas F. Halloran of Thomasville, Ga., became the

bride of 1st Lt. Donald Joseph Palladino, USA, son of Maj. Gen. (USA) and Mrs. Ralph A. Palladino of 3175 No. Pollard St., Arlington, Va., 23 June at the Lady of Good Voyage Church, Gloucester, Mass.

The bride was given in marriage by her father and, following the ceremony, a reception was held at the Summer home of her parents at Gloucester.

Mrs. Palladino is a graduate of Wellesley College. Her bridegroom, USMA '58, is currently assigned with the 307th Engineer Battalion of the 82d Airborne Division, Ft. Bragg, N. C., where he and his bride will make their home.

ROHAN-DANCER — Mrs. Howard Mix Dancer and Lt. Col. Thomas Charles Rohan, USA, have announced their marriage 11 June at Ft. Myer, Va., in an afternoon ceremony.

Miss Nancy McElroy attended the bride, and Mr. Kevin R. Rohan served as best man for his brother.

Colonel Rohan is assigned with the Office of the Chief of Research and Development Department of the Army, and he and his bride are at home at 1657 32d St., N. W., Washington, D. C.

GOFF-HOEHNER — Mr. and Mrs. Walter J. Hoehner of Deansboro, N. Y., announce the engagement of their daughter, Trudy, to Capt. Lee A. Goff, Commanding Officer, Co. C, 54th Infantry, 4th Armored Division, Germany.

Miss Hoehner, now employed as recreation director of the Crailsheim, Germany Special Service Club, attended Geneva University, Switzerland, and is a graduate of Alfred University in New York. An October wedding is planned.

Marine Corps Orders

From page 6

To University of Maryland, College Park Barlow, Glen H., 2d MAW. Sherman, James R., MCS, Quant.

To 3d Mar Div

Davis, John A., Barstow, Calif. Godfrey, Edwin J., 1st Mar Div.

1ST LIEUTENANT

Osmondson, Eugene L., 3d MAW, to 1st MAW. Ingles, Larry T., USS Rockbridge, to USS Monrovia. McTighe, Michael J., Monterey, Calif., to USA Attaché Tokyo, Japan, for Fgn Area Specialist Tng. Wuthrich, John R., 2d MAW, to USS Princeton. Murphree, James W., Jr., Pncla, to 2d Mar Div. Bowles, Ray W., 2d Mar Div, to MB NS Bermuda, BWI.

To MCS, Quant

Hughes, John R., NAS, CorpC. Mundy, Carl E., Jr., USS Little Rock. Caulfield, Matthew P., CorpC, Tex. Delaney, John F., 3d MAW.

2D LIEUTENANT

Norris, William J., 2d MAW, to MAD NATTC, Mfs. Beddow, Bruce E., Pncla, to 2d MAW.

To MCS, Quant

From NAS, Pncla: Kimbrough, W. E., 3d Loveless, Mark E. Whalen, Arthur J. Wiesen, James T.

CHIEF WARRANT OFFICER

Meadows, Emmett L., USS Princeton, to 1st Mar Div.

WARRANT OFFICER

Driscoll, William F., MCS, Quant, to HqMC. Bunting, Jerry E., MCS, Quant.

From MCS, Quant, to Station Indicated

Driscoll, William F., HqMC. Bunting, Jerry E., Mil PersOff USN Hydrographic Off, Suitland, Md. McNutt, Paul V., MB NTC GLakes. Sutherland, Frank R., MB NTC GLakes.

RETIRED

Russell, Col Paul W. Nelson, Col Clyde R., to temp disb ret list. Weber, Col Richard D.

Stewart, Lt Col Marvin C., to temp disb ret list. Zieg, Lt Col Kermit C., to temp disb ret list.

Tatsch, Lt Col James H., to temp disb ret list. Leffler, Maj Benjamin. Carter, Maj Ray N.

McCurdy, Maj Russell J., to temp disb ret list. Harrison, Capt Charles L., to temp disb ret list.

Reogas, Capt Wylie W., to temp disb ret list.

Vary, Capt Roland D. Rasmussen, Capt John H. Werner, Capt Francis R. Barnidge, Capt James L., Jr. Baranski, Capt Walter J.

Army Orders

From page 17

Dickerson, Cpl Harold H., to Sgt. Swan, Pvt Alvin, to Sgt.

EM RET & TRF TO USAR

Bugilla, Sgt Angelo T. Clark, Sp5 Thos H. Jones, Sp5 James H. Judy, Sp5 John A. Polaski, Sfc Andrew Ponder, Sfc C B. Rinebold, Sfc A F. Williams, M/Sgt T. Armata, M/Sgt E C. Blackmon, M/Sgt T J. Campbell, Sp4 H R. Cloud, M/Sgt Eugene Dachtler, M/Sgt J H. Dove, M/Sgt Relton Huffman, Sfc S A. King, Sfc Donald R. Kulak, Sp5 Israel Lopez, M/Sgt H P. Saba, Sfc Sam Tigrett, M/Sgt H E. Wilder, M/Sgt E A. Fritch, Sfc G D. Hutchinson, M/Sgt B. Scott, M/Sgt John E. Smith, Sfc Chas D. Ritchie, S/Maj C H. Hopkins, Pfc John E. Anderson, M/Sgt M N. Demarest, M/Sgt R C. Reed, Sgt Irvil R. Caro, M/Sgt Lonial N. Bailey, M/Sgt J L.

ENLISTED MEN RETIRED

Goodenough, M/Sgt Fred H., as Maj. Madden, M/Sgt John J., as Lt Col. Wilson, Sgt Seward S., as Maj. Cassidy, M/Sgt Thomas C., as Lt Col. Jones, Sgt Walter P., as Lt Col. Morgan, M/Sgt Richard L., as Col. Cole, M/Sgt Raymond A., as Lt Col. Kellner, M/Sgt Herman A., as Maj. Castillo, Sgt Jose A., as Col. Fortmann, Sgt Frederick J., Jr., as CWO-2. Huffman, M/Sgt Domer J., as Maj. Williams, Sfc Virgil C., as Lt Col. Young, Sgt Clifton H., as Lt Col. Thom, Sgt Victor L., as Lt Col. Hodges, Sp6 William H., as Lt Col. Daniell, M/Sgt John T., as Lt Col. Lee, M/Sgt Henry L., as Maj. Couch, S/Sgt Frank V. B., as Col. Ajemain, M/Sgt Charles, as Maj. Cowling, M/Sgt Alonso N., as CWO-3. Eigner, M/Sgt Emmett H., as CWO-2. Ensminger, M/Sgt Harrison, as Maj. Beech, M/Sgt Fred P., as Maj. Dilley, M/Sgt Donald J., as Maj. Bennett, M/Sgt Denver R., as Maj. Harlow, Sgt Irvin L., as Col. Rockwell, M/Sgt Lloyd H., as Col. Moss, Sfc John P., as Lt Col. Fitzgerald, S/Sgt Edward N., as Lt Col. Harlan, M/Sgt Jck J., as Maj. Thomas, M/Sgt Joseph P., as Maj. Holmes, M/Sgt H M. Hughes, Cpl Wm W. Jordan, Cpl Chas Marchio, M/Sgt A. J. Masterson, Sfc J T. Killingsworth, Pvt. Walter R. Wagner, M/Sgt B V. Evans, Sgt Louis E. Nietupski, M/Sgt J V.

Army A. G. Birthday Celebrated At Navy Mess



THE 185th anniversary of the Army Adjutant General's Corps was celebrated in Washington with a reception at the Officers Mess, U.S. Naval Weapons Plant. Pictured at the reception, which drew more than 300 guests, left to right, are Brig. Gen. and Mrs. William H. Harris, Deputy Adjutant General Maj. Gen. Bruce Easley and Mrs. Easley, The Adjutant General Maj. Gen. R. V. Lee and Mrs. Lee.

DAYHARSH-FREDENDALL — Mrs. Lilian Foster Fredendall and Col. Theodore John Dayharsh, USAF-Ret., announce their marriage, which took place 28 May at Reno, Nevada.

Colonel and Mrs. Dayharsh are now at home at 2720 Haste St., Berkeley 4, Calif.

EPELEY-BOUCHARD — Mr. and Mrs. J. E. Bouchard of Gulfport, Miss., announce the marriage of their daughter, Mary Catherine, to 2d Lt. Gerald G. Epley, Jr., son of Colonel (USA) and Mrs. Epley of Ft. Monroe, Va., at St. John's Church, Gulfport, 15 June, with the Rt. Reverend Msgr. Thomas E. Williams officiating.

Attending the bride, who was given in marriage by her father, were Mrs. Frederick Mills as matron of honor, Miss Lynn Owen as bridesmaid and little Miss

Janice Anderson as flower girl. Colonel Epley served as his son's best man and groomsmen were Messrs. Eric McDonald, Roy Anderson and Maj. Garland Fory.

Lieutenant Epley was a member of the graduating class of the USMA last month.

LAMAR-KELLEY — Mrs. Lindsey Kelley, widow of Capt. Jack Eugene Kelley and daughter of Mrs. Ros Arch Lindsey, Atchison, Kans., was married to Maj. Henry Carson Lamar, Jr., USA, in an afternoon ceremony 16 June at the Lemberg Chapel of the First Methodist Church, Colorado Springs, Colo.

Mr. and Mrs. Harold Johnson attended the couple, and ushers were Capts. W. D. Byerley and Arnold Pollard.

In late Summer, Major Lamar and his bride, with her children, Stephen, Mark and Kathy Kelley, will make their home in the Washington, D. C., area.

U. S. COAST GUARD

Secretary of the Treasury — Robert B. Anderson
Commandant — Admiral Alfred C. Richmond

NEW Coast Guard warrant officers will lose a \$250 clothing allowance which was paid to their predecessors.

These officers, most of whom step up from petty officer ranks, will receive permanent warrant officer appointments in place of the past practice of appointing them initially as temporary warrant officers, W-1.

Those who received initial temporary warrant appointments were allowed to collect the clothing allowance. New warrants, appointed to permanent grades, are not entitled to the \$250.

ASSIGNMENT CHANGES

Captain

Morrison, Donald McG, CGD5 (Ch. Oper. Div.) to CGD12 (Chief of Staff & collateral duty as Deputy Commander, WESTAREA).

Commander

Luzius, Donald H., CGD17 (Oper-Difot) to CGAS, San Diego (Difot) amended to XO-Difot.

Lieutenant

Cope, Edmund L., CGAS, Salem (Difot) to NAS, Memphis (TEMINS) thence Chanute AFB (DIFOTINS).

Dankiewicz, Leon T., LTS, Spruce Cape (CO) to ROCKAWAY (Engr Duty) amended to RCA Institute (Duins).

Steinbacher, John D., CGAD, Argentia (Difot) to NAS, Memphis (TEMIN) thence Chanute AFB (DIFOTINS).

Vellette, Howard M., BARATARIA (EO) to RPI, Troy, N.Y. (Duins) amended to CGD1 (Admin).

Zumstel, Louis L., CGAD, Sangley Pt (Difot) to NAS, Memphis (TEMINS) thence Chanute AFB (DIFOTINS).

Lieutenant (jg)

Armacost, John C., HUMBOLDT (Duty) to WPB-95332 (CO).

Bartels, Ralph W. H., CGD3 (RCC) to MORRIS (EO).

Bruner, Frederick C., YOCONA (Duty) to RIA Institute (Duins).

Coppock, Duane A., NAS, Corpus Christi (Adv Flt Trng) to CGAD, Kodiak (Difot) — CANCELLED. NAS, Corpus Christi (Adv Flt Trng) to CGAD, Corpus Christi (Difot).

Holst, Robert K., SORREL (Duty) to CGD-12 (dca) amended to (oan).

Janda, John J., Jr., CAMPBELL (Engr Duty) to MIO, Boston (Duty) CANCELLED. CAMPBELL (Engr Duty) to MIO, New York (Duty).

W-1

Sellers, Wilfred J., CGAD, St. Petersburg to Base, San Juan.

Shuey, Herbert L., CGD8 to Radsta, Cleveland (OinC).

Harless, Edmond R., LILAC (EO) to Base Gloucester (EO).

The following assignments are conditional upon acceptance of appointment to Warrant Officer, W-1:

DeMichillie, Robert E., BERING STRAIT (Enl) to HALFMON.

Russell, Clues, EASTWIND (Enl) to FIRE BUSH (EO).

Wilson, Charles R., APALACHIE (Enl) to CASCO.

Pyle, George C., CGAD, Biloxi (Enl) to CGD8.

Tyner, James H., CGAD, Kodiak (Enl) to CGAS, St. Petersburg (OinC, Secondary Radsta).

Blume, 1st Lt Irvin D., to temp disb list.

Booker, CWO-2 Dewey P., Jr.

Slocum, CWO-2 Leslie V. R.

Trometter, CWO-3 Robert E.

Hiller Copters

Rushed To Chile

A MATS C-124 Globemaster last week flew from Moffett Naval Air Station, Sunnyvale, Calif., to Chile with four new Hiller 12E helicopters for disaster relief work.

The decision to purchase the four Hiller ships was made in an emergency Cabinet meeting of the Chilean government, providing immediate delivery was possible. Hiller prepared the helicopters for delivery in a record time of three days. The purchase amounts to over \$250,000, including the three-place helicopters, spare parts, special radio gear, accessories, and auxiliary fuel tanks.

AF COLONEL'S WIFE:

Routh Robbins Opens New Virginia Office

Routh Robbins Real Estate Corporation has opened a new branch office in Springfield, Va., which will be available to serve military families.

The new office is located at the Cloverleaf Intersection of Franconia Road and Shirley Highway Interchange and includes a large parking lot and a playground area for children.

The office, which will be open daily from 9 A.M. to 9 P.M. will make available to Springfield residents a complete Real Estate Service, including Multiple Listing Service and the Nationwide Marketing System Method in America today. Routh Robbins is the exclusive agents for ARMS Institute, in the Northern Virginia Area.

Manager of the new office is Mr. Sam Orrock of Alexandria, Va. Mr. Bert Swailes, who has been engaged for the past 10 years in the real estate profession in the Springfield area, is Sales Manager. In addition to handling resale homes in the Springfield area, the Springfield office will also manage the sale of 1,400 homes in "Keene Mill Manor," a new subdivision presently being built near the Springfield Golf Course.

Mrs. Robbins is the wife of Col. A. B. Robbins, USAF.

Hughes Receives Missile Monitor Army Contract

Hughes Aircraft Company Ground Systems Group, Fullerton, Calif., has received two Army contracts totaling \$9.4 million for five truck mounted and four air transportable AN/MSQ-18s, a major component of the Missile Monitor system.

The Western Regional Office, Army Signal Supply Agency, Pasadena, Calif., awarded both contracts.

Col. Stanley Signal Officer

Col. Charles A. Stanley has succeeded Col. William E. Jennings as First Army Signal Officer, Governors Island, N.Y.

Colonel Stanley last served as Chief Signal Officer in Izmir, Turkey, where he was assigned to Headquarters Allied Land Forces Southeastern Europe.

Army Officers Will Attend Wisconsin P. R. Course

Maj. Loehr M. Rigby, jr. and Capt. Howard H. Osserman of the Combat Development Experimentation Center at Ft. Ord, Calif., have been selected to attend the Advanced Public Relations Course at the University of Wisconsin this summer.

This eight-week course provides Army information personnel with formal education at the graduate level in the principles and techniques of public relations.

Both officers will return to Ft. Ord upon completion of their schooling in August.

Col. Berry Retires At Lewis

Col. Edward S. Berry, who received a second Legion of Merit medal and a letter of appreciation from Vice President Nixon for helping reorganize the Ethiopian army three years ago, has retired at Ft. Lewis, Wash., where he commanded the 4th Division Trains for more than two years.

Colonel Berry, USMA '30, has a son, David, USMA '56.

Mrs. Berry is the former Johanna Marie Peterson of Portland, Ore.

Col. Veal Deputy Dayton Commander

Col. William W. Veal has assumed duties as Deputy Commander of Dayton Air Force Depot, Ohio, under Brig. Gen. C. E. Jung, Commander.

Colonel Veal replaces Col. Castex P. Conner, transferred to Warner Robins, Ga., Air Materiel Area, where he will be assigned as Deputy Commander.

Colonel Veal comes to DAFFD from the Mobile, Ala., Air Material Area, where he served as Deputy Commander. Colonel Veal is married to the former Patricia Sneed of Austin, Texas. They have two children, Patricia and Melinda.

Navy Juniors

The following are the names of junior unrestricted officers in Navy permanent and temporary grades as of 1 June who have been commissioned in or have become due for promotion to the grades indicated, under the provisions of Title 10 U. S. Code.

GRADE	PERMANENT	TEMPORARY
Line		
RAdm	Marshall E. Dornin	Bernard M. Stream
Capt	Vadym V. Utzoff	George P. Sotos
Cdr	V. J. Hathaway, Jr.	Doniphon B. Shelton
LCdr	Richard A. Dunning	Daniel F. Cross
1Lt	Lee E. Levenson	David B. Lloyd
Medical Corps		
RAdm	James L. Holland	Cecil D. Riggs
Capt	H. G. J. Faaland	Lynn E. Anthony
Cdr	Orville F. Nielsen	William A. Snyder
LCdr	N. E. Rosenwinkel	John T. Vincent
1Lt	Albert W. Dewey, Jr.	William S. Weil
Supply Corps		
RAdm	Thomas A. Long	James S. Dietz
Capt	Thomas M. Gore	Evert R. Sharp
Cdr	Elliot M. Wear	K. W. Longnecker
LCdr	Milton Meyer, Jr.	James B. Davis
1Lt	Raymond L. O'Neill	Robert T. Chandler
Chaplain Corps		
RAdm	George A. Rosso	M. O. Stephenson
Capt	John H. Shilling	Ernest W. Metzger
Cdr	James A. Sullivan	Kenneth P. Zeller
LCdr	Joseph F. Cloonan	Matthew H. Simon
1Lt	Elbert N. Carpenter	
Civil Engineer Corps		
RAdm	Henry G. Clark	James R. Davis
Capt	Luther S. Reynolds	Arthur C. Neumann
Cdr	Paul V. Flaherty	Allen S. Waters
LCdr	A. W. Walton, Jr.	Paul W. Forehand
1Lt	Roy L. Allen	H. E. Keppel, Jr.
Dental Corps		
RAdm	Curtiss W. Schantz	Walter G. Hillis
Capt	John V. Reilly	Edwin R. Black
Cdr	R. F. Haymes	Ronald G. Granger
LCdr	T. D. Stephenson	Eugene J. Weigel, Jr.
1Lt	J. R. McAndrew	
Medical Service Corps		
Capt	Kenneth L. Knight	G. V. Timberlake, Jr.
Cdr	Clarence W. Feyh	Albert E. Milbeck
LCdr	Edwin R. Mason	M. D. Bergquist, Jr.
1Lt	Lloyd M. Ash	T. J. Gallagher
Nurse Corps		
Capt	Ruth A. Erickson	
Cdr	"D" D. Bogdon	Rose A. Flanagan
LCdr	Jean O. Casanova	Doris T. Fuller
1Lt	M. H. A. Fitzpatrick	H. M. Fitzgerald
Women Officers (Line)		
Cdr	Mary C. Houck	
LCdr	Jean O. Casanova	
Limited Duty Only (Line)		
Cdr	William E. Jenkins	Adolph J. Furtek
LCdr	Roy L. Hoffmann	G. T. Chapman, Jr.
1Lt	Don F. Carlson	Mari F. Day

Honeywell On Honest John

Minneapolis Honeywell Regulator Company, Hopkins, Minn., has received a \$4 million contract for Honest John rocket war heads. Work will be performed at the Twin Cities Arsenal, New Brighton, Minn.

The Chicago Ordnance District awarded the contract.

2 July 1960 (Vol. 97, P. 1283)

Army Navy Air Force Journal 21

GENERAL MARSHALL HONORED AT WAC CENTER

THE General George C. Marshall Parade Ground was dedicated 25 June at the Women's Army Corps Center, Ft. McClellan, Ala., honoring the man who played a key role in establishing the original WAAC early in WWII.

Col. Mary Louise Milligan, Director, WAC, gave the dedication address and unveiled a commemorative plaque during a Regimental Inspection Review in which more than 1,000 WAC members stationed at the Center participated.

The dedication ceremony was attended by Lt. Gen. Herbert B. Powell, CG, Third Army; Brig. Gen. Rex D. Roach, Assistant Division Commander, 31st Infantry; Col. Lon H. Smith, Commanding Officer, Ft. McClellan, and Col. Mary A. Hallaren, Director of the WAC from 1947 to 1953 who retires from active duty 30 June.

Also attending the ceremonies were the Directors of the three other women's services: Col. Emma Jane Riley, USAF; Capt. Winifred R. Quick, USN; Col. Margaret M. Henderson, USMC, and, one of Alabama's members of the Defense Advisory Committee on Women in the Service, Miss Evelyn Walker of Birmingham.

Navy Veteran

Heads Lear P. R.

A WWII Navy Veteran William M. O'Hern has been named to the newly created post of Corporate Director of Public Relations for Lear, Incorporated, Santa Monica, Calif. President A. G. Handschumacher said Mr. O'Hern will be responsible for public relations activities of the company's six domestic divisions and of foreign operations, centered in Geneva.

Formerly Director of Publicity for United Air Lines at the company's executive office in Chicago, Mr. O'Hern joined the airline in 1949 as Regional Manager of Publicity in Los Angeles. He held the post for seven years prior to his transfer to Chicago in 1956.

Bulova Defense Contracts Increase

The Bulova Watch Company, reporting a 76% rise in profits says it has achieved "substantial gains" in defense business.

In an annual report to stockholders, General of the Army Omar N. Bradley, Chairman, and Harry B. Henshel, President, said that net earnings for the company and its subsidiaries for the year ended 31 March amounted to \$2.6 million or \$1.37 per share of common stock. In fiscal 1959, earnings amounted to \$2.5 million or \$1.30 per share, including special non-recurring items of \$1 million or 52 cents a share.

The Bulova executives credited a 14% improvement in sales and earnings to an upturn in the demand for jeweled-lever watches, radios and increases in defense research contracts and in sales of proprietary defense and industrial products. These range from missile safety and arming devices and frequency control components to frequency oscillators and transistorized amplifiers for use in high-frequency communications and telemetering systems.

Chaplain Cordill Retires

Chaplain (Lt. Col) Tunis S. Cordill, Jr., 10th Air Force Staff Chaplain received the Commendation Medal, second Oak Leaf Cluster from Maj. Gen. Harold R. Maddux, Commander, in a retirement ceremony at Selfridge AFB, Mich.

Chaplain Cordill retired 30 June in grade of colonel.

Chaplain Cordill is affiliated with the Congregational Christian Churches, with membership in The Los Angeles Association. He is returning to southern California with his wife, to engage in college teaching, following an educational and holiday tour of Europe. The Cordills have two children, Dorcas Mae (Mrs. C. W. McCormick, Jr.) of Shreveport, La., and Roland Robert, of Phoenix, Ariz. Both children are married, and there are three grandchildren.

AF Award To ITT

An Air Force contract for more than 3,000 fan motors and fan motor assemblies used in power conversion equipment for the B-52 bomber has been awarded to the Industrial Products Division of International Telephone and Telegraph Corporation.

Stavid Division

Names Dr. Pritchard

Dr. Edward M. Pritchard has been named Director of Engineering for the Military Systems-Stavid Division of Lockheed Electronics Co., Plainfield, N.J.

He will direct the activities of the Division's six engineering departments—Airborne Electronics, Electromagnetic Systems, Shipboard Electronics, Special Projects, Advanced Techniques, and Advanced Systems.

Dr. Pritchard holds Bachelor, Master and Doctorate degrees from M. I. T., and was the recipient of the Swope Fellowship from MIT, which enabled him to continue his studies at the Universities of Paris and Gottingen. He also attended the Harvard Business School advanced management course.

Dr. Pritchard was formerly employed by RCA, where he held several assignments, the most recent being that of Chief Systems Engineer for the Airborne Systems Division of Defense Electronics Products. He was also Chief Engineer of the company's West Coast Electronic Products group; Administrative Engineer and Operations Manager of the Special Systems and Development Department; and a member of the technical staff of the Engineering Products Division.

Dr. Pritchard has numerous patents to his name, including some 15 that he invented or collaborated on while at the United Cinephone Co. He also was co-inventor of special servo techniques and electromagnetic components while with Arma Corp.

Dr. Pritchard resides in Haddonfield, N.J.

Col. Gardner Directs

School Communications

Col. Glenn H. Gardner is the new Director of the Communications Department of the Army Infantry School at Ft. Benning, Ga.

He succeeds Lt. Col. Ausy P. Brown, USA-Ret.

Colonel Gardner, formerly had been Chief of the Associate Arms Group of the Command and Staff Department. He is married to the former Maxine C. McCarty of Vienna, W. Va. They have three children, Glenn H., II, Mack Brian and Brent Davis.

Col. Gilly Retires At Ft. Sam

Col. Clarence O. Gilly, Fourth Army Quartermaster, has retired at Ft. Sam Houston, Tex.

A 1936 graduate of Northwestern University in Portland, Ore., with a Bachelor of Laws degree, Colonel Gilly plans to make his home in San Francisco, Calif., following an extended trip through Mexico.



Dr. Pritchard

Births • Marriages • Deaths

(We charge for Service announcements. Please print all names.)

Born

AGNEW—George AFB, Victorville, Calif 10 Jun, Capt (USAF) & Mrs Malcolm J Agnew, son, Malcolm Alexander, grandson of Dr (Lt Col, Ret) & Mrs George Karns, Swarthmore, Pa, and of Mrs Pierre A Agnew of San Francisco, and great grandson of Mrs P M Kessler of San Francisco.

ALFORD—DeWitt AH, Ft Belvoir, Va 20 Jun Capt & Mrs John C Alford, son.

AMERSON—Drex, France 16 Jun S/Sgt & Mrs James H Amerson, 7305 APRON, APO 84, NY, son, Jacob Max.

APPEL—Brooke GH, Ft Sam Houston, Tex 17 Jun 2d Lt & Mrs Joseph A Appel, daughter.

BACON—Ft Meade, Md 15 Jun Capt & Mrs Norman J Bacon, daughter.

BAGLI—Wright-Patterson AFB, O 5 Jun Maj & Mrs Vincent J Bagli, daughter.

BALTZ—Wright-Patterson AFB, O 12 Jun Capt & Mrs Dickey L Baltz, daughter.

BARKSDALE—Fitzsimons, Denver 21 Jun CWO (USAF) & Mrs John M Barksdale, daughter.

BARTH—Wright-Patterson AFB, O 8 Jun Capt & Mrs Marvin J Barth, daughter.

BASS—Vicenza, Italy 27 May Sgt & Mrs William Bass, Jr, son, Michael.

BAUER—Brooke GH, Ft Sam Houston, Tex 20 Jun 2d Lt & Mrs Norman C Bauer twins, daughter & son.

BEARDSLEY—Keesler AFB, Miss 19 June 1st Lt & Mrs Clarence J Beardsley, daughter, Jodi Lynn.

BEERING—Lackland AFB, Tex 22 Jun Capt & Mrs Steven Beering, 311 Colebrook Dr, Lackland AFB, son.

BINFORD—Vicenza, Italy 30 May M/Sgt & Mrs Warren C Binford, son, Alfred George.

BLANDFORD—Wright-Patterson AFB, O 12 Jun 1st Lt & Mrs Joseph B Blandford, 3d, son.

BOUCHER—WRGH, Washington, DC 3 Jun 1st Lt & Mrs John H Boucher, daughter.

BRIESCH—Drex, France 17 Jun 1st Lt & Mrs Earl W Briesch, 317 CAMRON, APO 253, NY, daughter, Sheri Lyn.

CAMPBELL—Ft Eustis, Va recently 2d Lt & Mrs Donald W Campbell, son.

CARLSON—Walson AH, Ft Dix, NJ 17 Jun Capt & Mrs Earl V Carlson, son, Timothy Rodger.

CHRISTIAN—Vicenza, Italy 5 Jun Sfc & Mrs Arnold G Christian, daughter, Cynthia.

CLOYD—Keesler AFB, Miss 18 Jun 2d Lt & Mrs John L Cloyd, son, Gregory Alan.

CONLEY—Vicenza, Italy 5 Jun Sgt & Mrs Leonard T Conley, daughter, Crystal.

COOPER—WRGH, Washington, DC 6 Jun Capt & Mrs Everett B Cooper, daughter.

CURTIS—Fitzsimons GH, Denver 19 Jun Capt (USAF) & Mrs Clarence E Curtis, son.

DAMRON—Ft Gordon, Ga recently Capt & Mrs Wilbur T Damron, daughter.

DEGLER—WRGH, Washington, DC 8 Jun 1st Lt & Mrs Robert L Degler, son.

DIXON—Drex, France 18 Jun S/Sgt & Mrs Walter R Dixon, 7305 INSTLRON, APO 84, NY, son, John Patrick.

DOWNS—Fitzsimons GH, Denver 23 Jun Lt Col (USAF) & Mrs Eldon W Downs, daughter.

DRENTH—Walson AH, Ft Dix, NJ 15 Jun Capt & Mrs Ben E Drenth, son, Stephen Lester.

DUBINO—DeWitt AH, Ft Belvoir, Va 20 Jun Lt (USN) & Mrs Andrew D Dubino, daughter.

ECKERT—Vicenza, Italy 6 Jun Sgt & Mrs Roger K Eckert, son, Mark.

ERDMANN—Fitzsimons GH, Denver 17 Jun (USAF) Maj & Mrs James M Erdmann, son.

ETTINGER—WRGH, Washington, DC 16 Jun Lt (jg) (USPHS) & Mrs Harry J Ettinger, daughter.

FISHMAN—WRGH, Washington, DC 14 Jun Lt (USPHS) & Mrs Jacob R Fishman, son.

FLANAGAN—Drex, France 16 Jun S/Sgt & Mrs Arthur Flanagan, 7305 ABG, APO 84, NY, daughter, Robbin Lynn.

FOREMAN—Ft Carson, Colo, 16 Jun Capt & Mrs George Foreman, 2546 Palmer Park Blvd, son.

FRANKLIN—Ft Gordon, Ga recently Lt & Mrs Julian K Franklin, daughter.

GAIDA—Vicenza, Italy 27 May Sp4 & Mrs Georg Gaida, daughter, Romy.

GEESY—Griffiss AFB, NY 19 Jun 1st Lt & Mrs Roger A Geesey, son.

GLASS—Shaw AFB, SC 19 Jun 1st Lt & Mrs Bradley G Glass, daughter.

GOULD—WRGH, Washington, DC 18 Jun Col (USAF) & Mrs George P Gould, daughter.

GRASSO—Sheppard AFB, Tex 8 Jun 1st Lt & Mrs Albert P Grasso, daughter.

GREER—Cleveland, O 31 May CWO & Mrs Harry J Greer, 16716 Stockbridge Ave, Cleveland, son, Mark.

GRYSIKIEWICZ—Ft Carson, Colo 16 Jun Capt & Mrs Stanley Grysikiewicz, 702 Grand Blvd, Security, Colo, son.

HAND—DeWitt AH, Ft Belvoir, Va 12 Jun 1st Lt & Mrs Thomas P Hand, Jr, son.

HANSON—Shaw AFB, SC 21 Jun Capt & Mrs Harold O Hanson, daughter.

HARPER—Wright-Patterson AFB, O 13 Jun 2d Lt & Mrs Edwin T Harper, son.

HEACOCK—Langley AFB, Va 16 Jun 1st Lt & Mrs Donald D Heacock, 706 Levington Dr, Hampton, Va, son, Mark Dee.

HEDRICK—Ft Meade, Md 16 Jun Lt & Mrs Charles B Hedrick, son.

HENSON—Ft Ord, Calif 10 Jun Capt & Mrs Jack A Henson, 230 Tunisia, Ft Ord, son, Jeffrey Wayne.

HEWARD—Lackland AFB, Tex 17 Jun 1st Lt & Mrs Henry Heward, daughter.

HIGGINS—Gorgas GH, CZ 20 Jun S/Sgt & Mrs Jimmy Higgins, daughter.

HOLMBERG—DeWitt AH, Ft Belvoir, Va 11 Jun Capt (USMC) & Mrs William C Holmberg, son.

HUNT—Ft Ord, Calif 14 Jun CWO & Mrs Edwin E Hunt, 377 Lienbach, Ft Ord, son, Robert Milburn.

IAFRATI—Vincenza, Italy 8 Jun Capt & Mrs John G Iafrati, son, Jeffrey.

JOHNSON—AFROTC Det 250, Iowa State Univ, Ames, Iowa, 13 Jun Capt & Mrs James W Johnson, Jr, daughter, Jamie Louise.

JUDKINS—Drex, France 20 Jun S/Sgt & Mrs Billie P Judkins, 317 INSTLRON, APO 253, NY, son, Horst.

KAWAHARA—Ft Ord, Calif 8 Jun 1st Lt & Mrs James K Kawahara, 1287 Playa, Seaside, Calif, daughter, Catherine Kay.

KOCH—DeWitt AH, Ft Belvoir, Va 11 Jun Maj & Mrs Lear A Koch, daughter.

KOVAR—Fitzsimons GH, Denver 20 Jun Capt (USAF) & Mrs Charles E Kovar, son.

LYLE—Vicenza, Italy 31 May Sp4 & Mrs Robert G Lyle, son.

LYNNE—19 Jun 1st Lt & Mrs John H Lynne, 24 Upper Ferry Rd, Trenton, NJ, daughter.

MAIZEL—WRGH, Washington, DC 3 Jun 2d Lt (USPHS) & Mrs Jacob V Maizel, daughter.

MALINOSKI—Sheppard AFB, Tex 10 Jun Capt & Mrs Henry A Malinoski, son.

MARTOCELLO—Vicenza, Italy 31 May S/Sgt & Mrs John A Martocello, son, James.

MCBRIGHT—Lackland AFB, Tex 21 Jun 2d Lt & Mrs James McCright, 333-D Cropsey, BMV, Lackland AFB, daughter.

MCDOUALL—WRGH, Washington, DC 3 Jun Lt Col (USAF) & Mrs Bradford H McDouall, son.

McDOWELL—WRGH, Washington, DC 6 Jun Capt & Mrs Milton K McDowell, son.

McFEETERS—Keesler AFB, Miss 15 Jun Capt & Mrs James R McFeeters, son, Brian David.

McKECHNIE—DeWitt AH, Ft Belvoir, Va 14 Jun 2d Lt & Mrs Robert M McKechnie, 3d, son.

McWHORTER—Keesler AFB, Miss 18 Jun Capt & Mrs Charles E McWhorter, twin sons, Ralph Patton, and Richard Parker.

MEININGER—Ft Ord, Calif 14 June 1st Lt & Mrs Herbert N Meininger, 232 Tunisia, Ft Ord, daughter, Teresa Lynne.

MIMS—Vicenza, Italy 8 Jun Sgt & Mrs Joe D Mims, son, Malcolm.

MORRIS—Rodriguez AH, Ft Brooke, PR 15 Jun Ens & Mrs Alan E Morris, son, Scott Alan.

MORROW—Wright-Patterson AFB, O 8 Jun Capt & Mrs Edward E Morrow, daughter.

MOSCOVIC—Ft Ord, Calif 13 Jun 1st Lt & Mrs Paul S Moscovic, 331 Ardennes Cir, Ft Ord, daughter, Anita Marie.

MURPHY—Walson AH, Ft Dix, NJ 18 Jun 1st Lt & Mrs Michael E Murphy, daughter, Leslie Maura.

MURRAY—Ft Ord, Calif 10 Jun 2d Lt & Mrs Jon L Murray, 660 Madison, Monterey, Calif, daughter, Eva June.

NANIA—Drex, France 3 Jun S/Sgt & Mrs Albert P Nania, 7317 Operon, APO 253, NY, son, Albert Louis.

NEWTON—WRGH, Washington, DC 22 Jun Maj & Mrs Charles E Newton, son.

NICHOLLS—Rodriguez AH, Ft Brooke, PR 24 Jun 1st Lt (USN) & Mrs William H Nicholls, son, John Scott.

O'CONNOR—West Point, NY 12 Jun Capt & Mrs Mortimer L O'Connor, Dept of English, USMA, son, Brendan Wright.

O'CONNOR—Brooke GH, Ft Sam Houston, Tex 18 Jun 2d Lt & Mrs Robert K O'Connor, son.

OFFIELD—Walson AH, Ft Dix 14 Jun 1st Lt & Mrs James D Offield, daughter, Kimberly Lynn.

ORR—Vicenza, Italy 2 Jun Capt & Mrs Robert C Orr, son, Patrick.

OTTO—DeWitt AH, Ft Belvoir, Va 20 Jun 2d Lt & Mrs Donald L Otto, son.

PEARCE—WRGH, Washington, DC 15 Jun Capt & Mrs Luther W Pearce, daughter.

PENNINGTON—Drex, France 15 Jun S/Sgt & Mrs Joseph M Pennington, 322d Air Div, APO 253, NY, son, Jon Matthew.

POLLARD—Keesler AFB, Miss 13 Jun 1st Lt & Mrs Bernard J Pollard, son, Bucky Jerald.

PORTZ—Sheppard AFB, Tex 14 Jun Capt & Mrs James L Portz, son.

POULTON—Ft Carson, Colo 10 Jun Maj & Mrs G W Poulton, USAF Academy, son.

PULLMAN—Williams AFB, Ariz 9 Jun Lt Col & Mrs Milton Pullman, 1010 E Kilm Dr, Phoenix, Ariz, daughter, Michele.

RAULSTON—Fitzsimons GH, Denver 19 Jun 2d Lt (USAF) & Mrs Marvin E Raoulston, daughter.

REED—Ft Eustis, Va recently Capt & Mrs Lewis S Reed, son.

REINEL—WRGH, Washington, DC 23 Jun Maj & Mrs Anthony A Reinel, son.

RICH—DeWitt AH, Ft Belvoir, Va 23 Jun 1st Lt & Mrs Willson C Rich, Jr, daughter.

ROGOWSKI—Lackland AFB, Tex 20 Jun Col & Mrs Edward Rogowski, 332 Fairchild, Lackland AFB, son.

ROOT—DeWitt AH, Ft Belvoir, Va 17 Jun Maj & Mrs Roy B Root, son.

SANDERS—Lackland AFB, Tex 22 Jun 2d Lt & Mrs David Sanders, 124 McKenna, Lackland AFB, son.

SHOOP—Wright-Patterson AFB, O 5 Jun Col & Mrs Richard R Shoop, son.

SMITH—DeWitt AH, Ft Belvoir, Va 19 Jun Maj (USAF) & Mrs Eben D Smith, son.

STEELE—DeWitt AH, Ft Belvoir, Va 9 Jun Lt (jg) (USN) & Mrs Robert H Steele, daughter.

TRACY—Ft Stewart, Ga 18 Jun Capt & Mrs John F Tracy, daughter.

ULVANG—Fitzsimons GH, Denver 24 Jun Capt (USAF) & Mrs John R Ulvang, daughter.

WAHL—WRGH, Washington, DC 23 Jun Capt & Mrs William H Wahl, daughter.

WALLER—Keesler AFB, Miss 15 Jun Capt & Mrs Roy Waller, son, Ross Charles.

WARD—Drex, France 19 Jun S/Sgt Bobbie R Ward, 7305 CAMRON, APO 84, NY, daughter, Kimberly Ray.

WELCH—Ft Ord, Calif 11 Jun Capt & Mrs Maril L Welch, 234 Metz Rd, Ft Ord, daughter, Pamela Diane.

WILBARGER—WRGH, Washington, DC 9 Jun Capt & Mrs Edward S Wilbarger, daughter.

WILKIE—Ft Eustis, Va recently 1st Lt & Mrs James Wilkile, son.

WILLIAMS—Brooke GH, Ft Sam Houston, Tex 20 Jun 1st Lt & Mrs Alex N Williams, 3d, son.

WILLIAMS—West Point, NY 16 Jun 1st Lt Col & Mrs Hubert L Williams, Hqs 64th Air Div, Stewart AFB, NY, son, Michael Fred.

WINTERS—Fitzsimons GH, Denver 23 Jun 1st Lt & Mrs Ronald J Winters, son.

WUNDER—Brooke GH, Ft Sam Houston, Tex 19 Jun 1st Lt & Mrs William H Wunder, daughter.

YOUNG—Ft Carson, Colo 12 Jun 1st Lt & Mrs Robert Young, 92 Rose Dr, Security, Colo, daughter.

ZIEMBA—Shaw AFB, SC 21 Jun Capt & Mrs Alvin F Ziemba, son.

Married

ALLEN-POER—Winship Chapel, First Presbyterian Church, Atlanta, Ga 22 Jun Miss Margaret Alleen Poer, daughter of Dr & Mrs David Henry Poer, Atlanta, and Ens Ivan Allen, III, USNR, son of Mr & Mrs Allen, Jr, Atlanta.

ALLEN-SKORUPSKI—St James' Roman Catholic Church, Rocky Hill, Conn 25 Jun Miss Marilyn Joyce Skorupski, daughter of Mr & Mrs Anthony F Skorupski, Rocky Hill, and Lt John Carey Allen, USN, son of Mrs Kent Roberts Mullikin, Annapolis, Md, & the late Dr Floyd McJunkin Allen.

AYERS-MAHLE—Union Methodist Church, Washington, DC 4 Jun Miss Harriett Ann Mahle, daughter of Mr & Mrs Herbert J Mahle, and Capt Robert Eastman Ayers, USA, son of Mr & Mrs Ed Lee Ayers, Bradenton, Fla.

BOND-SEDGWICK—Beverly, Mass 25 Jun Miss Theodora Sedgwick, daughter of Mrs Ellery Sedgwick, Boston, and Lt Col William Ross Bond, USA.

BURK-DONALDSON—University of Maryland Chapel, College Park 18 Jun Miss Joyce Ann Donaldson, daughter of Mr & Mrs E Calvin Donaldson, Laurel, Md, and Capt Thomas K Burk, Jr, USMC, son of Mr & Mrs Burk, Houston, Tex.

EMERSON-BEATTY—St James' Protestant Episcopal Church, Montclair, NJ 25 June Miss Tilly Jo Beatty, daughter of Mr & Mrs Kenneth B Beatty, Upper Montclair, and Lt (jg) Andrew Galbraith Emerson, USNR, son of Mr & Mrs Gilbert Galbraith Emerson.

FAIRLEY-SOUCY—St Sebastian's Catholic Church, Baltimore, Md 18 Jun Miss Marilyn Elizabeth Soucy, daughter of Mr & Mrs Robert Lewis Soucy, Providence, RI, and Lt (jg) Carl F Fairley, USNR, son of Mrs Anna M Pettit, Essex, Md, & Mr Albert H Fairley, Baltimore.

FINNERAN-WILSON—St Augustine's Roman Catholic Church, Larchmont, NY 25 Jun Miss Judith Ellis Wilson, daughter of Mr & Mrs Elmo Chamberlin Wilson, and Lt Gerard Buckley Finnegan, USAF.

HEDEMAN - OLIVER — Congregational Church, New Canaan, Conn 24 Jun Miss Margaret Grant Oliver, daughter of Mr & Mrs Grant Oliver, and Ens William Heide, USNR, son of Mr & Mrs Arthur Heide, Darien, Conn.

Margaret Grant Oliver, daughter of Mr & Mrs Grant Oliver, and Ens William Heide, USNR, son of Mr & Mrs Arthur Heide, Darien, Conn.

HEIRON-JACOBSEN — Christ Protestant Episcopal Church, Glen Ridge, NJ 22 Jun Miss Beatrice Elizabeth Jacobsen, daughter of Mr & Mrs George Robert Jacobsen, and Ens Edward Baldwin Herron, USNR, son of Mr & Mrs Lewis F Herron, Shaker Heights, O.

HOGEN-FLOWER — St John's Episcopal Chapel, Manchester, VT 25 Jun Miss Elizabeth Jane Flower, daughter of Mr & Mrs Henry Corwin Flower, Jr, New York & Manchester, and Lt Timothy Ladd Hogen, USAF, son of Mr & Mrs Charles Robert Hogen, Chappaqua, NY.

HOWELL-HAYES — First Lutheran Church, Washington, DC 12 Jun Miss Norma Rae Hayes, daughter of Mr & Mrs Rowan Hayes, Arlington, Va, and

of Mr
John Mc
& Mrs
testament
22 Jun
daugh-
er, Robert
USN
Shaker
Episcopal
& Mrs
Eliza-
& Mrs
Hogen,
Robert
Church,
Rowan
ol. Syl-
of Mrs
yer, Va
of Lt
Butler,
Allan
Zola B
Victory
nn Lidi-
& Mrs
Raoul
Jones,
Catholic
Judith
Ira Gil-
Kopp,
opp, all
Presby-
ian Miss
Mr &
Her-
R, son
Court
onn.
18 Jun
hether of
erwood
Carthy,
lla, Mi
Carthy,
Catholic
ss Kay
& Mrs
2d Lt
of Mr
Pa.
Victory
Va 18
hether of
r, Nor-
endells.
J Men-
St Pat-
25 Jun
hether of
Y, and
of Mr
Ascen-
s Anne
& Mrs
Byrd
Norris
Joseph
or Mrs
& Mrs
and Li
& Mrs
ash-
Kenna,
Kenna,
son of
ington,
Episco-
Sarah
(USN-
se, An-
se, son
Fallis
West
Gishel,
Gishel,
Robert
General
Artford
Church
Fannan
(W)
of the
rrible
theran
Nancy
& Mrs
Lt Rob-
& Mrs
Episco-
n Miss
hether of
Wher-
Famer
ence H

Died

BYRNE — Died 20 Jun Cdr Kevin E Byrne USN.
COLLETTI — Died Walter Reed GH, Washington, DC 20 Jun CWO Guido Colletti. Interment Springfield, Mass.
CLARK — Died USNH, Bethesda, Md 21 Jun Mrs Steele Simmons Clarke, wife of Cdr Robert Austen Clarke, USN, 202 Chapel Dr, Annandale, Va. Also survived by two children, Thorne P. & Robert A Clarke Jr.
CREEL — Died Fitzsimons GH, Denver, Colo 25 Jun Mrs Cary S Creel, 44, wife of Col George R Creel, Special Asst to Chief of Information, Department of the Army, of 630 No 27th St, Arlington, Va. Also survived by one daughter, Mrs Rachel C Yates, Ames, Iowa; one son, William Siam S Sanford, 2924 Balmoral Rd, Birmingham, Ala. Burial Arlington National Cemetery; and her parents, Mr & Mrs Willy Creel.

CURTIS — Died Allentown, Pa 24 June Maj Gen Charles C Curtis, USNG-Ret, 67, citizen-soldier, veteran of four wars, and Advertising Director of Call-Chronicle Newspapers. Survived by one son, Maj Charles H Curtis; and three grandchildren, Ann D, Charles C, II & Nancy C Curtis. Burial Greenwood Cemetery, Allentown.

FINDEISEN — Died Coronado, Calif. 22 Jun Cdr William Ernest Findeisen, MC, USN-Ret. Survived by his widow, Mrs Lila Mary Findeisen, 655 Alameda Blvd, Coronado; and one sister, Mrs David B Falk, San Francisco, wife of Colonel Falk, USA-Ret. Burial Ft Rosecrans National Cemetery, San Diego, Calif.

GIBBONS — Walter Reed GH, Washington, DC 25 Jun Lt Col Murray F Gibbons, Jr, USA. Survived by his widow, Mrs Dorothy K Gibbons, 1016 Martha's Ln, Falls Church, Va; and three children, Carol Ann, Candice Kay & Murray F Gibbons, III. Burial Arlington National Cemetery.

GRIFFITH — Died Kansas City, Mo 21 Jun Col Leslie E Griffith, USA-Ret, (USMA '21), 59. Survived by his widow, Mrs Mary B Griffith, 3814 E 51st St Terrace, No, Kansas City; one daughter, Mrs Carole G Watkin, Chester, Pa; and three grandchildren. Burial National Cemetery, Ft Leavenworth, Kans.

HARTMAN — The death of Lt Col Charles Dudley Hartman, Jr, USA-Ret, (USMA '36), 45, who died Walter Reed GH, Washington DC 13 Jun, as reported in THE JOURNAL of 18 Jun, due to misinformation, was incorrect. He is survived by his widow, Mrs Mary Louise Hartman of 518 No Thomas St, Arlington 3, Va, daughter of Mrs Thomas J Heavey, 4814 So 30th St, Arlington 6, & the late Colonel Heavey, Cav USA; four sons, Cadet C D Hartman, III, USMA, Thomas J, Joseph W, & Michael A Hartman; two daughters, Marjorie A, & Mary L Hartman; his parents, Brig Gen (USA-Ret) & Mrs Hartman, sr, 2230 California St, NW, Washington; and one brother, the Very Reverend Joseph W Hartman. Burial Arlington National Cemetery, 16 June.

HUTT — Died 28 Jun Col William Chauncey Hutt, USA-Ret, of Largo, Fla. Burial Arlington National Cemetery, Washington, DC.

KENDALL — Died California 8 Jun Lt Col George Arthur Kendall, USA-Ret, 54, Director, Palos Verdes Water Co.

MARKEY — Died Walter Reed GH, Washington, DC 23 Jun 1st Lt Fenton Markey, Ret. Burial Arlington National Cemetery.

MCKAY — Died USNH, Portsmouth, Va 26 Jun Capt James Homer McKay, USN-Ret, (USNA '19), 63. Survived by his widow, Mrs Mary Elizabeth McKay, Norfolk; one daughter, Mrs Marian L Seelye, 2816 So 16th Rd, Arlington, Va, and two brothers. Burial Arlington National Cemetery 30 Jun.

McCROSKEY — Died Santa Monica, Calif 3 Jun Brig Gen Samuel L McCroskey, USA-Ret, 67. Survived by his widow, Mrs Helen McCroskey, Santa Monica; one daughter, Mrs Elizabeth M Harlan, wife of Lt Col Robert D Harlan, USA; and three grandchildren. Burial Arlington National Cemetery, Washington, DC.

MENOCHÉ — Died Walter Reed GH, Washington, DC 26 Jun Maj Edmond E Menoche, USAR-Ret, 45, after a long illness. Survived by his widow, Mrs Marie R Menoche, 185 Lowell Ave, Providence, RI; an 8-year-old son, Edmond E Menoche, Jr; and his parents, Mr & Mrs Joseph Menoche, No Providence. Burial Arlington National Cemetery, Washington, DC.

MOSES — Beaufort, SC 26 Jun Capt Charles Clifton Moses, USN-Ret, (USNA '03), 81. Survived by his widow, Mrs Edith D Moses, Bluffton, SC. Burial Arlington National Cemetery, Washington, DC.

SMITH — Died Langley AFB, Va 7 Jun Col Samson Smith, USAF-Ret, 54. Survived by his widow, Mrs Bonnie T Smith, 299 Jackson St, Hempstead, NY; one daughter, Mrs Jean Buckley, Hempstead; one son, S/Sgt Rollin Smith, Hamilton AFB, Calif; and six grandchildren. Burial Arlington National Cemetery, Washington, DC.

STEVENSON — Died Cornwall, NY 26 Jun, after a long illness. Mrs Ada Ann Stevenson, 26, wife of 1st Lt Michael A Stevenson, USA, and daughter of Lt Col (USA-Ret) & Mrs William R Dudman. Also survived by one brother, William D Dudman, Cornwall, and one sister, Mrs Dorothy J Egger, wife of Capt J B Egger, Caledonia, Miss. Burial West Point, NY 29 Jun.

WHITING — Died Walter Reed GH, Washington, DC 19 Jun Maj George C Whiting, Ret. Burial Jersey Shore, Pa.

Secretary Brucker Remembers Wives

Secretary of the Army Wilber M. Brucker makes it a practice at Pentagon presentation ceremonies to call upon the wives of those being honored to make a few remarks.

This week, he gave two Army wives a special token of appreciation for their participation in a 29 June ceremony honoring two members of his staff.

Lt. Col. H. Glen Wood, Military Assistant to Secretary Brucker, who retired 30 June, received the Legion of Merit Medal. A Phi Beta Kappa graduate of the University of Washington, Colonel Wood, a master parachutist and the first American to graduate from the French Army Parachute School, had served previously as Special Assistant to General Alfred M. Gruenthal, USA-Ret, and General Lauris Norstad, USAF, at SHAPE.

Maj. Bickford E. Sawyer, USMA '45, who had been Deputy to Colonel Wood, will attend the Armed Forces Staff College. He was presented with the Army Certificate of Achievement.

Secretary Brucker presented silver cigarette cases to Mrs. Wood and Mrs. Sawyer.

Here is the text of the citation awarded Colonel Wood:

"Throughout a span of more than a decade, Colonel Wood has distinguished himself by the consistently outstanding performance of exceptionally important and exacting duties connected with Army administration at the highest levels and vital international military and political commitments of the United States, notably: As Assistant Secretary of the General Staff from 1 May 1949 to 1 June 1951, under two Chiefs of Staff; Staff member of the United States delegation throughout the Sixth Session of the General Assembly of the United Nations, from 1 November 1951 to 10 February 1952, the first officer of the United States Army assigned to this highly sensitive duty; Special Assistant to the Supreme Allied Commander, Europe, from 23 January 1955 to 16 July 1958, under two Supreme Commanders, and Military Assistant to the Secretary of the Army from 1 July 1959 to 30 June 1960.

"In these diverse assignments Colonel Wood rendered service of extraordinary value to the Army and to the Nation. His broad military experience and familiarity with national and international affairs, coupled with dynamic initiative, innate tact, seasoned judgment, sound logic, a singularly perceptive grasp of ideas, and the ability to write and speak forcefully and convincingly, enabled him to contribute immeasurably, in turn, to the effective functioning of the office of the Chief of Staff of the Army, the Supreme Headquarters, Allied Powers, Europe; the United States' delegation to the United Nations, and the office of the Secretary of the Army.

"Colonel Wood's unflagging zeal and unwavering integrity, loyalty, patriotism, and dedication to duty, in keeping with the finest traditions of the Military Service, have earned him the respect, esteem, and admiration of all with whom he has come into contact, reflecting great credit upon him, the United States Army, and the Government of the United States."

Dr. Whitson Named Martin Vice Pres.

The Board of Directors of The Martin Company has elected Dr. William L. Whitson a Vice President, it is announced by George M. Bunker, Chairman of the Board.

Dr. Whitson came to The Martin Company from Daystrom, Inc., of Murray Hill, N. J., where he was Vice President, Engineering. Prior to joining Daystrom, he was acting chief scientist of the Advanced Research Projects Agency (ARPA) and assistant director of the Institute for Defense Analysis in Washington, D. C.

2 July 1960 (Vol. 97, P. 1285)

Army Navy Air Force Journal 23

Services Lead Malnutrition Fight

From first page — sample of the country's population.

Team members went into Chilean homes, schools and work areas to observe first hand how the people live and what their most essential needs are.

At the same time, other team members were training local medical personnel and technicians in the use of specialized equipment, which they will leave behind as the basis of a new, first-rate nutrition laboratory.

For Chile, like most of the other countries visited by the nutrition teams, the survey just completed is the first such complete and accurate study. It will provide a reliable guide for future assistance.

Although results of the survey have yet to be formally compiled and submitted to key U. S. Government officials, Dr. Ashe told THE JOURNAL, he expects to make some supplementary recommendations which may at first seem startling to be coming from a medical survey team.

One of these recommendations may be increased U. S. aid in building roads through many remote sections of Chile.

Lack of roads, Dr. Ashe says, is a major factor in denying adequate medical care to many isolated Chileans.

A country-wide program to raise nutrition standards in Chile, he says, cannot get off the ground until trained medical and health personnel can reach all sections of the country on a continuing basis.

The nutrition program, however, is not a completely U. S.-run operation. Surveys are arranged only after a formal request is received from a country.

The Nutrition Committee and its survey teams start the ball rolling by providing the basis for each country to establish its own nutrition program and raise its own health standards. After the initial survey, each country carries on the program itself, with continuing advice and aid from the U. S. when necessary.

Aim of the program is to give each country the best and most expert advice available at the beginning of its own nutrition effort.

So far, 24 universities, pharmaceutical organizations, and state departments of health have contributed the services of more than 100 of the Nation's best nutrition and health experts to aid the program.

Survey teams also include some of the top experts from the Defense Department, the Services and other Government agencies.

Navy Surgeon General RAdm. Bartholomew Hogan, Deputy Army Surgeon General Maj. Gen. T. J. Haeford, and Deputy Air Force Surgeon General Maj. Gen. J. K. Cullen, for example, went to Chile last January to make initial arrangements for the survey.

Up to the present time, Dr. Berry says, survey teams have completed work in Turkey, Pakistan, Vietnam, Libya, Korea, Iran, the Philippines, Ethiopia, Peru, Spain, and Ecuador.

In the future, he says, the program can be expected to play a major role in the development of virtually all underdeveloped countries of the Free World.

IBM Dedicates Space Exhibit

"Threshold Of Space," a dramatic black-light display of U. S. space programs was dedicated 29 June at the IBM Space Computing Center, 615 Pennsylvania Avenue, N. W., Washington, D. C.

The exhibit will be opened to the public 6 July.

Dr. T. Keith Glennan, NASA Administrator, after touring the exhibit, told preview visitors that "it points up the complexity and magnitude of space science and exploration. The exhibit is also a fine demonstration of the kind of interrelationships that must exist among scientists, industry, and the Government if this Nation is to be successful in its space program."

Also speaking at the opening ceremonies were Charles Benton, Jr., President of the IBM Federal Systems Division, and Bruce Oldfield, Manager of the IBM Space Computing Center.

This "Threshold Of Space" exhibit is housed in four rooms. The first holds three-dimensional scale models of man-made satellites and animated displays depicts NASA's worldwide tracking network, including the Goddard Space Flight Center's complex of IBM 7090 computers to be used for satellite tracking, orbital computation, and information processing.

In the second room, scale models of rockets illustrate the growth of the U. S. space program.

Highlight of the exhibit is the "Threshold Of Space" gallery in which the audience theoretically stands 200,000 miles above the earth on a platform floating in space. By means of black light and special effects, the illusion of the universe is created with galaxies of stars, constellations, and planets. The earth and moon and orbiting space stations are seen below the platform.

The fourth room illustrates advanced U. S. Government information systems, including Project Echo, Field data computers for the Army, command control systems for the Air Force, guidance computers for the Martin Titan missile, and submarine integrated control systems for the Navy.

AF Veteran To Allis-Chalmers

Dr. John I. Slaughter has been named Supervisor of Chemical Research in Allis-Chalmers Research Division, Milwaukee. He served in the Air Force during WW II.

Service Folk

From page 18—

western, and has pursued studies in the field of structural engineering. In addition to other duties, he is in responsible charge of a research investigation in which various portions of a 100-foot model bridge are being tested to destruction. This investigation is being conducted partially under the sponsorship of the U. S. Engineer Research and Development Center, Ft. Belvoir, Va., and the U. S. Bureau of Public Roads. This is the second degree which has been awarded to Colonel Ward since his retirement, the University of Wisconsin having conferred upon him the professional degree of Civil Engineer in 1955.

Colonel Ward's son, Midshipman Charles E. W. Ward, NROTC, was recently awarded the gold medal of the Society of American Military Engineers, at the Spring Review of the Northwestern University unit, for outstanding merit in scholastic and military studies.

Diane Kathryn Palsrok, 17-year-old daughter of Lt. Col. and Mrs. John Palsrok of Redstone Arsenal, Ala., has been awarded a four-year nursing scholarship by the Elks Club of Huntsville. She plans to enter the University of Alabama in September.

Bernard A. Ferry, Jr., 19, son of Lt. Col. and Mrs. B. A. Ferry of 422 Hughes Dr., Redstone Arsenal, Ala., has received a Congressional appointment to the U. S. Military Academy and reports 5 July. His father, USMA '40, is commanding officer of the Signal Corps Detachment at the Army Ordnance Guided Missile School.

Brig. Gen. Herbert B. Eagon, Director, Department of Natural Resources, State of Ohio, and Assistant Commander of the 37th Ohio National Guard Division, pinned second lieutenant bars on his son, Herbert, Jr., during recent OCS graduation exercises at the Army Infantry School, Fort Benning, Ga. The bars General Eagon pinned on his son are the same ones he wore 30 years ago.

Col. Robert Hamilton Cushing, USAR-Ret., 2114 Como Park Boulevard, Lancaster, N. Y., has been elected President of the Niagara Frontier Chapter of the Association of the United States Army in Buffalo.

Col. Charles L. Steynaart, MC, retired 30 June from the Army Reserve after 32 years service. He had commanded the 817th Evacuation Hospital in Rochester, N. Y. since 1952. He resides with his family at 101 Broad Street, Lyons, N. Y.

Maj. George W. Washburn, Jr., USA-Ret., former information officer of the 2d Logistical Command, Fort Ord, Calif., will reside at 1240 S. Padre Drive, Salinas, Calif., with his wife Grace, and three children, Donald, Gail and Vickie.

Col. William M. Tow, USA-Ret., has retired for the second time—this time from the public schools of Massachusetts where he has been teaching in the social science department of the Falmouth High School. He joined the High School faculty following his retirement from the Army in 1950.

During his school service Colonel Tow developed both Model Congress and Model United Nations teams and have them each to the annual New England Model Congress meeting at Springfield, Mass., under the auspices of the American International College and to the East Coast Model United Nations meeting this year at New York. His taking up teaching in 1950 was actually a return to secondary school teaching interrupted in 1917 when he quit as a high school principal in Montana to enter the Army in WWI. He stayed in the Army for 34 years.

JOURNAL CLASSIFIED

For only 14 cents a word (\$1.40) minimum, you can reach a worldwide audience through the classified advertising columns of the "Spokesman of the Services."

The Journal is the only weekly publication which covers all the U. S. Armed Forces. This assures top caliber impact for your message.

Deadline for insertions is 5 p.m. on Tuesday. Payment must accompany insertions. Write: Army Navy Air Force Journal, 1710 Connecticut Avenue, Washington 9, D. C., in the Capital area, phone: HObart 2-1220 and ask for Mrs. Howard.

REAL ESTATE FOR SALE OR RENT

Arizona

PLANNING RETIREMENT? Why not consider the delightful climate, better home buys and unlimited business opportunities afforded by the Phoenix area. Call or write Leon Graves, Major USA (Retired), ED POST REALTY, Arizona's leading Real Estate Organization, 5060 No. Central Ave., Phoenix, Arizona.

California

FOR A HOME IN THE WEST it's Santa Barbara! Summertime year-round; truly a Paradise Pacific. Close to Defense Bases for hospitalization, commissaries, post exchanges. Two hours drive to Los Angeles. Write for information and brochures to Col. Wm. T. Brown, Ret., associated with Morris Willis, Realtor, P. O. Box 3206 Santa Barbara, California.

MONTEREY, CALIFORNIA — Fort Ord, Army Language School, Navy Postgraduate School, for free maps, brochures, information on rentals, price ranges of homes to purchase, down payments required, expected monthly payments, etc., write Colonel Ed Taylor (Ret.), Tri-City Real Estate, Washington at Pearl, Monterey, California.

District of Columbia

SANDOZ, INC. Real Estate Insurance, 2 Dupont Circle. Service to service personnel since 1920.

D. C.—MD.—VA. Sales—Rentals and personal attention is our Specialty Confidential service. GOVERNMENT EMPLOYEES REALTY CO., 2523 Wilson Blvd., Arlington, Va. JA 5-9198—OLIVER 6-1719.

Florida

CLEARWATER—Everything in Real Estate in this most ideal retirement paradise. Write Col. Basil Williams, or Lt. Col. Owen Colaw at BELLEAIR REALTY, 1200 Indian Rocks Road.

RETIREMENT WATERFRONT HOMES. Business, Adjacent Patrick AFB, Chapman Realtor, Eau Gallie, Florida.

CLEARWATER, FLORIDA! The Springtime City on the Gulf of Mexico offers the most in climate, recreation and pleasant living to service people considering retirement. Convenient to military facilities. Specializing in Service to Service Families. Write for our brochure. CONDON-MEEK, Inc., Realtor 1253 Park Street, Clearwater. Associates: Lt. Col. James C. Schaaf (Ret.), and Col. D. C. Cubbison, Jr., Ret.

LLOYD W. GOEPPERT, REALTOR, 3604 Manatee Ave., BRADENTON, FLORIDA, specializing in retirement homes and homesites for service personnel. Lloyd W. Goeppert, Colonel, USA, Retired.

BEAUTIFUL HOMES CO-OPERATIVE APARTMENTS, HOMESITES IN RESTFUL CLEARWATER. Sportsman's Paradise. Tropical Flowers, Government Hospitals, Commissary and PX. Write for Brochure. Col. EDWARD L. HURLBURT, REALTOR, 1152 Cleveland St., Clearwater.

SATISFYING FLORIDA HOMES. WRITE, see M. L. McCreary (Col. USA-Ret.) Realtor, L. W. "Eddy" Foy (Col. USA-Ret.) Assoc., 826 Orange Avenue, Winter Park.

Florida (Cont.)

Orlando-Winter Park, Florida. For the best in retirement homes—see Neill M. Michael, Lt. Col. USAF-Ret., Realtor-Builder, 961 Orange Ave., Winter Park, Fla.

LAKELAND HAS EVERYTHING for the retiring military man. Write LT. COL. R. W. MILLER, (Ret.) REALTOR, Box 1340, LAKELAND, FLORIDA.

Retire in Friendly Fort Lauderdale. Brand new homes complete with electric range and refrigerator from \$10,995.00 with low down payments in established neighborhood. Resale homes on and off the waterfront from \$10,500.00. Write for brochure to: Colonel "Tex" Farrish, Kenneth C. Oberle & Co., Realtors, 3365 North Federal Highway, Fort Lauderdale, Florida.

FORT LAUDERDALE—The Venice of America. Most perfect year round climate—260 miles of waterways—5 miles free ocean beach, golf courses—military facilities—ideal for retirement. Write Lt. Col. David Perlow, Ret., S. M. Painter & Co., Realtor, 831 E. Las Olas Blvd., Fort Lauderdale, Florida.

LARGO — Ideal location for the service family—see, write Robert B. Sheldon, Reg. Broker (Lt. Col. Ret.), 1893 Tropic Blvd., N. Largo, Florida.

Maryland

BETHESDA — CHEVY CHASE Suburban Washington finest residential community. Best schools. All prices. GIULIANO REAL ESTATE, Arlington and Georgetown Roads, Oliver 4-1100.

POTOMAC PROPERTIES — Beautiful homes and country acreage, River and Falls Roads, AXminster 9-9400.

BETHESDA — CHEVY CHASE — Washington's Finest Suburb. Personal advice and guidance based on intimate knowledge in the purchase or sale of your home. Cdr. P. C. Wilson USN-Ret. ANDRIS REALTY, 8021 Wisconsin Avenue, Phone: OLIVER 2-9070.

EASTERN SHORE — Waterfront homes, farms, estate. F. P. Williamson Real Estate, Cambridge, Maryland.

Nebraska

Real Estate or Insurance for Offutt Personnel Call Reed E. Davis, Col., USAF Ret. CA-2300. Write REED DAVIS CO., 159 N. 72 St., Omaha.

New York

Retirement home, 3 bedroom ranch, 2 1/2 baths. Built 1953. Near Finger Lakes, western New York, 40 acres land. Christmas trees will pay taxes. Magnificent view from full window living room, Box 220, The Journal.

Texas

SAN ANTONIO. Serving the military thru this column since 1946. Property information, city maps, brochure upon request. Multiple listing service, FHA & GI loans GUY CHIPMAN CO., Realtors, 535 Busby Dr., TA 4-6395.

SAN ANTONIO. Specializing in better homes in the choice North-East section—Convenient to Ft. Sam Houston Army Medical Center and Randolph AFB, PHARR CO., REALTORS, 4900 Broadway, TA 6-0606.

Utah

SALT LAKE CITY. Serving the military from the Cross Roads of the West. Retirement Homes. Income Property. FHA, VA, and Conventional Loans. Major George S. Kraemer, Retired, REALTOR, 225 EAST 4800 SOUTH, CR 7-2389.

Virginia

GET THE FACTS about homes in Northern Virginia. FREE FOLDER tells you about convenience you'll like, schools, recreation, transportation, financing. See how our specialized service for military families saves you time and effort. Sales, rentals, temporary furnished quarters, complete mortgage loan and insurance departments. Get the facts. Write or phone today for Folder 14, "Living in Virginia." ARLINGTON REALTY CO., INC., 2300 Wilson Blvd., Arlington, Va., Jackson 7-9300.

NEED A HOME? If you want to buy or rent, our professional and experienced personnel will find it for you. Photographs and descriptions of homes sent upon request. Write or call us ATLAS REALTY COMPANY, REALTORS, 4751 Lee Highway, Arlington, Virginia, JA 5-1550.

ALEXANDRIA and VICINITY — convenient to Pentagon, Ft. Belvoir and Washington—The M. H. BARRY ORG., has helped military personnel SINCE 1912 to find the right home at the right price—be it to rent or to buy! We can help you! Write or phone for the "PERSONALIZED SERVICE". We're so well noted for. The M. H. BARRY ORG., 2206 Mt. Vernon Ave., Alexandria, Va., Phone: KING 9-3630.

Accomplish your housing requirements in an atmosphere of dignity and integrity. Save trying travel by selecting in comfort from our photo files, furnished and unfurnished apartments. Rentals in new and used homes. Sales in new and used homes. Inquire about new Broyhill-built homes in the McLean-Langley area situated in Virginia's Estate Country. Split-levels, ramblers, two levels, split foyer ramblers in 3-4-5 bedrooms, two and three baths. For those who wish to make a capital investment in America's most secure real estate area during the soaring sixties. See our Commercial and Investment Department, M. T. BROTHILL & SONS REALTORS, 4600 Lee Highway, Arlington, Virginia, JA 4-1300.

TEMPORARY QUARTERS while awaiting movement in or out of Washington area. Furnished apartments for family of four or less \$50 per week. Includes linen, complete cooking and eating facilities, telephones, etc. Ten minutes to Pentagon. Write for reservations—CLARENDON HOTEL COURT, 3324 Wilson Blvd., Arlington 3, Va., JA 5-7200.

LOOK BEFORE YOU ARRIVE. Sale and rentals in Northern Virginia. Let us have your requirements and we will send you photographs, detailed information in regard to schools, occupancy, etc. Also information on temporary furnished apartments. THE DARBY COMPANY, 2319 Wilson Blvd., Arlington, Virginia, JACKSON 5-9393.

SEMINARY HILL ESTATES. Alexandria—the ultimate in new ramblers and split-levels—top suburban location, within quick access to D. C. Pentagon, Army-Navy Country Club and all facilities. These are 4- and 5-bedroom homes with 3 baths. Send for free brochure, BOB DUNCAN REAL ESTATE INSURANCE, 322 S. Washington St., Alexandria, Va. KING 8-8015.

RENTALS AND SALES — ARLINGTON, ALEXANDRIA, FALLS CHURCH AND FAIRFAX COUNTY, Va.—Across the Potomac from Washington. For over 17 years we have served the Services with the finest of sales and rentals in Northern Virginia. Write us for free map of this area. GEORGE MASON GREEN CO., Realtors, 2039 Wilson Blvd., Arlington, Va. JACKSON 4-1400.

WASHINGTON-VIRGINIA Service to the Service by Service people. Specialists in sales, rentals, financing. Main office 1 block from Presidential Gardens furnished apts. Write for free bulletin covering Alexandria, Arlington, Fairfax County, Northern Virginia. Members of Multiple Listing. Realtors, HICKS REALTY CO., Inc., Realtors, Open 9 to 9, KING 9-1600. OT 4-6040, 3106 Mt. Vernon Ave., Alexandria, Va., 2303 S. Arlington Ridge Rd., Arlington, Va. JACKSON 7-2389.

WASHINGTON BOUND? Let our experienced service personnel locate your home in Virginia where taxes are lower and schools are better. Temporary rentals with everything furnished by the week or month, while we help you find your permanent home. HOLLEY REALTY, 5183 Lee Highway, Arlington, Virginia, JA 8-5250. Across from Tops Drive-In.

Water range o Richmond, Virginia. Free bu

Washin brochure our new levels, \$19,925 of Fair Some Multiple over 500 through Realtors JA 7-8500.

MERLE and undiing req experienti NELSON, Lington, South serving port, S Bulletin Rented forward brochure are mer Corpora housing Real Es No. 4000. Sp and Ke

SHANNON TORS 1 rendere ement offices to ing exc bound prof sessing housing see us a ginka. T

MILITAR TATUM selli Virginia your es will bri Our pe needs w PROPE Falls C TATUM Crossro

TOWN! C Country houses In-Servi block fr arrival, Write TOWN Vernon ple 6-14

WHERE! FESSIO INSUR of North G. TROU HAUS Street, Phone a brook 6

NEW VALIAN State Author son, Hu

Retirin in the Shop, Scrafice The Jo

Military Retirement Areas Water Front Retirement Homes. The widest range of listings in Virginia. G. B. Lorraine, Richmond Federal Building, Richmond, Va. Virginia Properties—Seashore to Mountains. Free booklet—"Virginia".

Washington Duty? If you are anticipating a Washington tour write for our free brochures and maps describing and locating our new homes in nearby Virginia. Split levels, ramblers and bi-level homes from \$19,925 to \$36,000 are available in the Town of Fairfax and the McLean-Langley area. Some are available with GI financing. Multiple Listing Service with a selection of over 500 resale homes is also available through our office. Write or call Luria Bros. Realtors 2048 Wilson Blvd., Arlington, Va. JA 7-8500.

MERLE NELSON the firm with interest in and understanding of service families housing requirements. Staffed by efficient and experienced sales people. Free sales and rental brochures and area maps. MERLE NELSON REALTY, 5150 Wilson Blvd., Arlington, Jackson 4-5866.

Routh Robbins Real Estate Corporation serving the Military for your Washington tour. Send for our free Sales and Rental Bulletin describing in detail what every Renter and Owner should know. We will forward upon request individual ARMS brochures on homes meeting your needs. We are members of the Northern Virginia Trade Corporation. Serving to solve the military housing needs. Write or phone Routh Robbins Real Estate Corporation. Alexandria Office: No. Washington Street at Madison, KI, 8-4000. Springfield Office: Cor. Backlick Road and Keene Mill Road, FL, 4-2500.

SHANNON & LUCHS COMPANY, REALTORS in the greater Washington area have rendered service to military and other government personnel since 1906. With four offices to serve you our Arlington office dealing exclusively in Northern Virginia property is best situated to assist the Pentagon bound personnel. Let our experienced and professional sales staff help you with your housing problem. Call, write or come in to see us at 2055 Wilson Blvd., Arlington, Virginia. Telephone JA 5-6800.

MILITARY RENTAL AND SALES — Let TATUM PROPERTIES assist you in buying, selling or renting a home in Northern Virginia. A letter to our office indicating your essential requirements and preferences will bring a prompt and informative reply. Our personal attention to your individual needs will warrant your satisfaction. TATUM PROPERTIES, INC., 903 Leesburg Pike, Falls Church, Virginia. Or call MAJOR TATUM (Ret.), Jefferson 4-8810. Bailey's Crossroads.

TOWN OR COUNTRY? Best Virginia locations! City or country minded. "Town & Country" has the finest coverage of available houses in beautiful Northern Virginia. FHA In-Service, GI Conventional Financing. Assisting service personnel is our specialty. ½ block from Presidential Gardens. Upon your arrival, our office car is at your disposal. Write, wire or call Temple 6-1415. Collect! TOWN & COUNTRY REALTY, 3806 Mt. Vernon Avenue, Alexandria, Virginia, Temple 6-1415.

Where you **LIVE DOES** make a DIFFERENCE! SELECT-QUALITY-HOMES. PROFESSIONAL COUNSELING ON FINANCING-INSURANCE & TAXES. PLANNED TOURS of Northern Virginia AREAS. Write Wanda G. Trommerhauser, Broker, TROMMERHAUSER REAL ESTATE, 7254 Maple Street, Annandale, Virginia, P. O. Box 86. Phone day CLEarbrook 6-7933, Night CLEarbrook 6-4253.

AUTOMOBILES

NEW CHRYSLERS PLYMOUTHS and VALIANTS at lowest delivered price. No State Sales Tax. Full warranty and service. Authorized dealer. Free information. Pearson, Hurffville, N. J.

BUSINESS OPPORTUNITY

Retiring to Florida? For sale, on the beach in the heart of the Gold Coast, Childrens Shop, Clothing, Toys, Games, Hobbies. Sacrifice for quick sale. Write Box No. 245, The Journal.

DENTAL LOCATION FOR RENT

Long established, 1st floor, 534 sq. ft., two units. Population 2,500-9,000 summer. Available November, 1960. Write A. K. Gregory, D. C., Angola, N. Y.

EMPLOYMENT OPPORTUNITY

High caliber men to call on independent business and professional people for national organization. No sales experience necessary. Extensive training by organization representative. Good potential income, renewal benefits, independent territory contract. Territory in most states available. Car necessary. Send two (2) resumes to Box 244, The Journal, and J. D. Sneed.

EMPLOYMENT OPPORTUNITY (Cont.)

New corporation with only one competitor retailing owner retention program to auto dealers. Representatives needed in most areas of U. S. Every car dealer needs this activity, income possibilities unlimited. High level representation required. Write Box 243, The Journal.

FOR SALE

WHY POLISH your military insignia? Wear fine quality Balfour rank insignia—all sterling rhodium plated to prevent tarnishing. 10K gold sets also available. Free pamphlet. L. G. Balfour Co., Attleboro, Massachusetts.

MILITARY CAPS

MORRY LUXENBERG offers FREE, "CATTOTER," (handsome case for carrying two Caps plus accessories) with purchase of Air Force Officer's Elastique Cap \$17.50 Colonel \$25.50. (Write for price list of other items.) Morry Luxenberg Co., 45 East 30th St., New York City 16.

NEW FURNITURE

Your best buy in the Washington, D. C., area in better grade new furniture. Save at least 30% or more. Shop them all—but compare our prices before you buy. BROTHERS FURNITURE COMPANY, Bailey's Cross Roads, Alexandria, Virginia, JEFFerson 2-6900.

OFFICERS SERVICE CLUB

OFFICERS SERVICE CLUB — 1644 21st Street, N.W., Washington, D. C.—Decatur 2-3010. Downtown private Club with hotel facilities and social events.

RIBBONS AND MEDALS

SEW-ON RIBBONS or Clutchback. Miniature Medals. DAVID SANDO, P. O. BOX 6293, Washington 15, D. C.

Temco Trains Corvus Group

The Temco Aircraft Corporation plant in Garland, Tex., has become a school where 27 men are learning how to operate the Corvus air-to-surface missile system.

Students in the first Corvus training class, they are studying several phases of Corvus operations, including use of equipment for maintenance, test and check out and launching the missile from A3D and A4D airplanes.

Temco developed the four-week curriculum as it has the entire Corvus system. Twenty Temco engineers teach the class.

The students are engineers or technical specialists in electronics, aeronautics or mechanics in the Navy or Marine Corps or on the Civil Service staffs of military missile installations.

Included in the group from Point Mugu, Calif., are Lt. L. N. Mitchell, AQC W. D. Gibson, AQ2 W. J. Carey, AE1 W. B. Kelley, AEM3 G. C. Brown, AM1 P. E. O'Dell, AG/Sgt. R. H. Marshall, AQ3 J. E. Hurley, AQ3 H. L. Neeman, AQFAN J. F. Stanfill, AQ3 J. E. Thomas, S/Sgt. L. D. Ziegehagen, AM/Sgt. P. R. Harvey, N. D. Brown, aeronautical engineer, A. P. Dietz, engineering technician, G. C. Nehring, mechanical engineer, P. S. Allen, electrical engineer, J. H. Beal, electronics mechanic, J. E. Carroll, electronics technician, L. D. Cox, electronics technician, D. C. Dunham, electrical engineer, L. L. Haidle, electrical engineer, E. H. McGuire, electronics technician, and S. F. Wright, electronics technician.

Engineers from the Naval Ordnance Laboratory Center in Corona, Calif., are W. R. Long and C. E. Owen, and from the Navy's Bureau of Weapons in Washington, D. C. C. Tally.

Temco personnel serving in instructional and administrative capacities include D. W. Wildfang, W. N. Miller, L. D. Hayford, R. E. Hall, A. Welch, C. Fulcher, H. Higginbotham, T. Caldwell, J. Gillett, B. E. Reeves, J. L. Burkhardt, J. Gilchrist, W. Savage, S. R. Nelson, K. H. Stevens, T. E. Hartsfield, R. Vijil, L. E. Hale, D. McBride, L. D. Campbell, T. Boston, W. B. Moyer, S. Kubrich, J. E. Houseworth, and J. D. Sneed.

Congress Kills O'Sea Housing Funds

From first page—

total is \$1,067,227,000, compared with \$876,145,000 approved by the House, and \$1,188,000,000 requested by the President.

In turning down the family housing funds, the Senate Committee said it was "astonished" to learn "of the ever-increasing number of dependents going overseas and the rising costs to maintain these dependents in overseas bases."

The Committee said it will approve future overseas housing only in cases of "extreme hardship" until the Defense Department "can adequately justify the need for additional housing and until an overall plan can be worked out to insure that dependents can be adequately housed and supported by community facilities."

In the House, in addition to denying new overseas family housing funds, the Appropriations Committee also directed the Defense Department to "withhold the construction of additional family

housing in overseas areas with local currencies or through any other source" until specific approval is received from the House and Senate Appropriations Committees.

The Senate Committee noted that the Services already have authority for the construction of an additional 4,465 houses overseas, but have not been given the necessary funds (\$127.8 million) to proceed with the construction.

In agreeing with the House to deny commissary funds, the Senate Committee said its investigations indicate that the commissaries requested in the fiscal '61 program "are not a valid requirement." In a number of instances, the Committee said it found that requested commissaries were "replacement items."

Commissaries, the Committee added, "do not have to be built on the grand scale of plush civilian supermarkets."

Following Senate approval of the military construction appropriation measure, 27 June, the funds bill headed for conference to iron out House and Senate differences, but neither family housing nor commissaries will be a subject of compromise.

Army Veteran Heads ITT News

International Telephone and Telegraph Corporation has appointed Edward J. Gerrity, Jr. as Director of News Services. He had been Manager of General News since joining the ITT Public Relations Department in 1958.

Mr. Gerrity is a graduate of the University of Scranton and the Graduate School of Journalism, Columbia University. An Army veteran of WWII, he is a member of Sigma Delta Chi, professional journalistic fraternity, and the Overseas Press Club.

Mr. Gerrity and his wife reside at 44 North Broadway, White Plains, New York.

New President For Link Division

William W. Wood has been named President of the Link Division of General Precision, Inc. He replaces David D. Mason, who resigned.

Mr. Wood has been Executive Vice President of Link since February 1960. Last month it was announced that GPE Controls, another General Precision Company, would be integrated into Link's operations.

Mr. Wood is an electrical engineering graduate of Columbia University and joined Link in 1941 as a Field Service Engineer. Subsequently, he became Chief Engineer in 1950, Vice President of Engineering in 1952 and Vice President of Manufacturing in 1956.

Marine Corps Extends Reserve Active Tours

The Marine Corps has extended the active duty tours of 41 Reservists in the grades of captain, chief warrant officer and first lieutenant.

Their names and final dates of extension are:

CAPTAINS

30 June 62—William C. Jaeck; Rob N. Petty.

30 November 62—Baker D. Campbell.

31 December 62—Richard J. Conlon.

30 June 63—Elmer F. Pattillo; Roger D. Swanson; Charles L. Albert, Jr.; Jack D. Bonine; Alvin W. Bowen; Walter J. Bryson, III; Edward J. Dahy, III; Abbott T. Gott; Edward J. LaMontagne; Samuel F. Lawrence; Joe A. Lindsey; Billy G. Wilkison.

31 August 63—Leonard T. Gavin.

30 June 64—Teddy J. Becker; Charles A. Block; George Carr, Jr.; Ralph G. Combs; James A. Read; Dudley B. Sanderson; William L. Mitchells; Ronald L. Townsend; Richard T. Trundy.

30 June 65—Rolf L. Spicer.

First Lieutenants

31 January 62—Richard Alexander.

7 July 63—Rolan E. Banks.

30 June 65—John F. Cunningham.

30 April 62—Ary L. Devries.

30 November 62—John F. Fitzgerald.

31 October 63—Lloyd E. Galley.

31 August 62—Thomas Goldsborough.

31 March 64—Paul G. Judkins.

30 April 63—Charles W. Kavanaugh.

31 October 63—Robert G. Kessler.

CWO

30 June 65—Arnold L. Prestgard; Harold E. Wilson.

Be the Officer "In The Know"

Fill in and mail this handy order form TODAY

Army Navy Air Force Journal 1710 Connecticut Avenue, N.W. Washington 9, D. C.

Please enter my subscription for the next 52 weekly issues with the understanding that I can cancel this order at any time and get a full refund of any unused part of my subscription payment.

\$7.50 enclosed

Bill me later

(Name and rank)

(Service)

(Address)

(City)

(Zone) (State)

7-2

Please check here if you prefer to subscribe for:

2 years, \$12.75 (Saves you \$2.25) 5 years, \$28 (Saves you \$9.50)

Subscriptions to civilians or organizations, \$10.00 per year. Single copies, 30c.

INDUSTRY IN DEFENSE

Military Offices Visit Caterpillar

Nineteen Army, Navy, Marine Corps, and Air Force officers, led by Lt. Gen. Arthur G. Trudeau, Chief of Army Research and Development, and Lt. Gen. Gordon B. Rogers, Deputy Commander, Continental Army Command, recently inspected Caterpillar Company facilities at Peoria, Ill.

General Trudeau, praising industry initiative in meeting defense needs, cited the light weight, liquid-cooled, compression-ignition engine being developed for Army Ordnance by Caterpillar. The engine will be capable of burning a wide variety of fuels.

General Trudeau said he observed many new ideas being developed by Caterpillar and praised its initiative in forging ahead on research projects at its own expense rather than awaiting Federal funds.

Caterpillar now has a contract for development of a multi-purpose vehicle, according to Col. John D. Cole, Chief, Plans and Policy Office, Corps of Engineers. This unit is to serve as a bulldozer, grader, scraper, cargo and/or personnel carrier.

Air Force, Navy and Marine Corps officers in the party expressed interest in other equipment which they believed Caterpillar was capable of developing or already had under study. These included, electric sets, aircraft towing equipment, specialized, and power shifting transmissions.

Other visiting officers included:

ARMY: Maj. Gen. Rush B. Lincoln, Deputy Chief of Transportation; Maj. Gen. C. G. Calloway, Assistant Quartermaster General for Operations; Brig. Gen. L. J. Lincoln, Director of Plans and Materiel, Deputy Chief of Staff for Logistics; Brig. Gen. C. W. Clark, Chief, Research and Development Division, Ordnance; Brig. Gen. Robert B. Warren, Assistant Chief of Engineers.

Col. Keith H. Ewbank, Acting Chief of Staff, Materiel Developments, Continental Army Command; Lt. Col. Stanley Y. Kennedy, Research and Development; Lt. Col. G. D. Carnahan, Chief, Artillery and Vehicle, Ordnance; Capt. L. S. Wright, Aide to General Rogers; W. J. New, Technical Director, Research and Development, Engineers; Walt W. Cushman, Research and Engineering, Quartermaster.

NAVY: Capt. H. N. Wallin, Assistant Chief for Maintenance and Materiel, Bureau of Yards and Docks; Capt. J. C. Myers, Deputy and Assistant Chief, Office of Naval Research; Robert K. Buchanan, Special Assistant, Research and Development.

AIR FORCE: Brig. Gen. C. F. Dreyer, The Civil Engineer, Headquarters, Air Materiel Command.

MARINE CORPS: Lt. Col. Robert B. McBroom, Head, Technical Branch, Materiel Division.

Navy Orders New Version Of A4D

A contract to build an improved version of the Navy's A4D Skyhawk attack bomber has been awarded to the Douglas Aircraft Company's El Segundo Division.

The improved Skyhawk, the A4D-5, will have increased payload and range capabilities over the A4D-2N version now in production and operational with the fleet.

Powered by the lighter and more powerful Pratt & Whitney J52 jet engine, the A4D-5 can deliver the same payload as the earlier configuration with a 27% increase in range.

The A4D-5 will also contain the Douglas-developed lightweight ejection seat recently approved by the Navy for installation in Skyhawks being produced currently and for replacement of older seats in delivered planes.

SPACE MEET

Three authors of a Northrop Corporation satellite rendezvous study were named joint winners of the Institute of Navigation's first annual Samuel M. Burka Award at Colorado Springs last week.

The award, given for outstanding contributions to knowledge of space navigation, went to Norman V. Petersen, Leroy R. Hoover and Dr. Leonard Pode for a paper titled "Satellite Rendezvous Navigational Requirements." The paper explores the problems of bringing maneuverable satellites together in space.

Founded this year in honor of the late Dr. Samuel M. Burka, U. S. Air Force scientist who pioneered many advances in navigational equipment, the award was presented at a banquet concluding the institute's 16th annual meeting.

Ford Defense Unit Has New Operation

Ford Motor Company has established a special Military Vehicles Operations as a component of the company's Defense Products Group.

Gerald J. Lynch, Vice President, Defense Products Group, said that Frank S. Kipp, formerly Manager of Defense Contract Administration, will be General Manager of Special Military Vehicles Operations, which will have basic responsibility for defense programs involving special military vehicles and related equipment.

The following organization components of the Defense Products Group have been transferred to Special Military Vehicles Operations effective immediately: Special Military Vehicles Office, Mobilization Planning and Defense Sales Department, and Defense Contract Administration.

The Defense Products Group includes Ford's Aeronutronic Division in Newport Beach Calif., which has been described as the company's "Space Age Division." Mr. Lynch is General Manager of Aeronutronic in addition to heading the Defense Products Group.

Bell Iroquois Production Pushed

The first volume production contract for Army Bell HU-1A Iroquois helicopters has been completed on schedule at Ft. Worth, Tex.

Work has begun on the second production quantity.

During "Operation Amigos" in Chile, 10 HU-1As were airlifted to the earthquake-hit areas where they served with the 56th and 57th Medical Detachments.

GPL Vice President Wins High Honor

The Thurlow Navigation Award, highest honor conferred for advancing the science of navigation, was presented last week to William J. Tull, Vice President, GPL Division—General Precision, Inc., for his work as the pioneer of Doppler Navigation.

The award was presented by the Institute of Navigation during its annual meeting at the U. S. Air Force Academy.

The citation described Mr. Tull as "the father of Doppler navigation." It stated that he saw in 1945 the possibilities of applying Doppler principles to the problems of air navigation and that "his efforts resulted in development of the world's first practical automatic self-contained airborne navigation system." The citation lauded Mr. Tull for his continuing role in refining Doppler systems for use in lighter aircraft.

Martin Wins Air Force Green Light

For Titan II With Larger Payload

THE Martin Company has received an Air Force contract for development and manufacture of an advanced jam-proof model of the Titan ICBM from ARDC's Ballistic Missile Division in Los Angeles.

Martin currently holds a \$510 million contract for airframe design, manufacture and test of the Titan weapon system under the BMD direction.

The advanced missile, designated Titan II, will be larger than the present Titan and will be able to carry a heavier payload over intercontinental distances.

Titan II will employ storable liquid fuels and is designed for launch from inside its underground silo.

Titan II's propulsion system will be first among the nation's large ballistic missiles to use fuels that are storable. Cryogenic materials now in use, such as liquid oxygen, must be kept in special containers at minus 300 degrees Fahrenheit, or lower, to retain their liquid state. Storable liquids will permit Titan II to be fueled and kept in a ready-firing condition for long periods of time at ordinary temperatures.

In its present configuration, TITAN is housed underground for protection and lifted to the surface for launching, with a "reaction time" of only a few minutes. The in-silo launch capability of Titan II will provide almost instantaneous reaction time.

In addition to these advancements, the advanced TITAN will be directed to its target by a self-contained inertial guidance system. This system, which cannot be jammed by any known method, provides the capability of launching entire Titan II force in "salvo."

The new version of TITAN will be programmed into the systematic arming of SAC bases, which already include five underground sites for installation of six TITAN I squadrons.

The advanced TITAN will move into the SAC arsenal beginning with the seventh squadron. In April the Air Force announced that four new TITAN squadrons, seventh through tenth, would be located two each at Davis-Monthan AFB, Tucson, Ariz., and at McConnell AFB, Wichita, Kans.

The present TITAN, when it becomes operational next year, will be designated the SM-68. TITAN II in the operational version will be SM-68B.

AMF Will Build Titan Launchers

THE Air Force has awarded a contract for \$81.5 million to American Machine and Foundry Company, it is announced jointly by Brig. Gen. Don Coupland, Commander of Air Materiel Command's Ballistic Missiles Center, Los Angeles, and Morehead Patterson, Chairman of the Board of AMF. The contract calls for construction of 36 new launcher systems for the Titan ICBM, built by the Martin Company. This new contract brings AMF's participation in the ballistic missile program of the Air Force to \$166 million.

AMF will produce and install systems for four squadrons with nine operational launcher systems each. They will be located at Ellsworth AFB, S. D.; Mountain Home AFB, Boise, Idaho; Larson AFB, Wash.; and Beale AFB, Calif.

Continental Electronics Has BMEWS Award

Continental Electronics Manufacturing Company of Dallas, a subsidiary of Ling-Altec Electronics, Inc., has received a \$3.5 million contract for additional super power radar transmitters for the Air Force's Ballistic Missile Early Warning System (BMEWS). President James O. Weldon said the transmitters are to be supplied for the third site, at Fylingdales, England. Under earlier contracts totaling approximately \$17 million, Continental is supplying transmitters and related equipment for the first two BMEWS sites at Thule, Greenland, and Clear, Alaska.

Continental's latest contract is direct from Radio Corporation of America, prime contractor for the BMEWS project. Continental developed the transmitters under a contract from the Air Force.

Chance Vought Gets Minuteman Contract

The Electronics Division of Chance Vought, Dallas, has received a \$3.3 million contract for continued development and manufacture of a highly-advanced actuator system for the Minuteman Intercontinental Ballistic Missile. The contract is in addition to earlier awards totaling more than \$1 million for design and development of the actuator portion of the Minuteman's guidance and control system.

Award of the contract was made by Autonetics, a division of North American Aviation Inc., and associate prime contractor for the overall guidance and control system for the nation's first solid-propellant ICBM.

Vought Electronics officials said the electro-hydraulic actuators which will provide the muscle power for Minuteman's control represent a significant breakthrough in actuator design. "The Minuteman actuator is a highly-integrated unit promising a new level of reliability and assuring that the missile will be ready to fire even after it has been stored a very long time," B. H. Cisell, General Manager of Vought Electronics, said.

Aerojet Titanium Motor Success In Test

EROJET-GENERAL Corporation has fired successfully a full scale third stage rocket motor for the Air Force Minuteman using a case made entirely of lightweight titanium. This was the first time titanium has ever been successfully demonstrated in a large rocket motor.

The program was conducted under an Air Force contract and is the culmination of years of effort in research and development by the various Services. The successful firing took place at Aerojet's Solid Rocket Plant at Sacramento, Calif.

First Nike Commander Will Join Boeing; M/G Gulick Heads Customer Relations

THE commander of the Army's first activated Nike battalion, Lt. Col. Edward D. Lucas, retired 30 June after 20 years' service and has accepted employment with the Aerospace Division of the Boeing Airplane Company, Seattle.

Colonel Lucas commanded the 2d Nike Battalion at Ft. Bliss, Tex., upon its activation in 1953. In 1941 he was credited with developing the first satisfactory tank firing range mechanism, the principle of which is now being used in modern tanks.

Colonel Lucas received a B.S. degree in economics from the University of Virginia in 1936 and then entered the U. S. Military Academy, West Point. Upon graduation he became one of the first two cadets from West Point to be commissioned directly into the armored branch. In 1946 he took graduate work in physics at Catholic University, Washington, D. C.

Colonel Lucas and his wife, Edith, have three sons, Matthew, 18, a student at the University of Virginia; Edward, 11, and Gregory, 10.

Maj. Gen. Roy M. Gulick, USN-Ret., former Quartermaster General of the Marine Corps, has been named Customer Relations Director of Magna-Bond, Inc., manufacturer of plastic coatings and chemicals, Trenton, N. J. General Gulick is a Director of the Armed Forces Management Association, Armed Forces Support Supply Council, and National Security Industrial Association.

Col. John E. "Soapy" Watters, USA-Ret., has been named Engineering Manager for Motorola's Western Military Electronics Center, Scottsdale, Ariz., according to Joseph A. Chambers, Vice President and General Manager of the Company's Western Area Military Electronics operations. Colonel Watters is responsible for administrative matters pertaining to the 900-man Motorola engineering group engaged in the research and development of advanced military electronics equipment and weapons systems. He reports to the Assistant General Manager for Research & Development, Dr. Robert E. Samuelson.

Colonel Watters, USMA '33, joins Motorola after a career highlighted by service as Chief of Technical Staff, Director of Surveillance Department and Deputy Commander of the Army Signal Research and Development Laboratory (URARDL), Ft. Monmouth, N. J. and, Chief of Combat Surveillance Department, Army Electronic Proving Ground, Ft Huachuca.

Ryan Aerolab Radiation Rocket

Closer studies of the Van Allen radiation belts surrounding the earth to determine means of protecting man from radiation hazards in deep space flights will be made this fall by instruments boosted by solid-propellant Aerolab Argos D-8 Journeyman research rockets.

Aerolab Development Company of Pasadena, Calif., subsidiary of Ryan Aerolab Company, San Diego, has developed the four-stage rockets to boost 125-pound General Electric instrumentation payloads to 1,200 mile altitudes over a 1,700-mile course.

The payload combination, called a Nuclear Emulsion Radiation Vehicle (NERV), will provide more complete measurements of the Van Allen belts as a basis for establishing design of manned vehicles that must penetrate this radiation zone.

The flights will be made from the Pt. Arguello, Calif., launching site on the Pacific Missile Range. Trajectory of the vehicle will be south from Pt. Arguello along one of the lines of force of the earth's magnetic field.

Ryan Aerolab and General Electric are prime contractors to the NASA, which also produces the cone-shaped nuclear emulsion package.

AIR FORCE BUYS LOCKHEED JET STARS

THE Air Force has ordered five Lockheed JetStars for use by the MATS Airways and Air Communications Service in making in-flight inspections of world-wide military navigational aids.

Given the military designation "UCX" (utility cargo), the new jet utility aircraft flies at altitudes up to 45,000 feet and at speeds of 550 miles per hour. The JetStar is in production at Lockheed Aircraft Corporation's Marietta, Ga., plant.

In its new military safety role, the JetStar will be able to duplicate the various flight paths and approaches of modern high performance aircraft to any terminal control area. Such versatility will enable the military to keep a continuing check on the accuracy and reliability of navigational, radio, and traffic aids so vital to around-the-clock tactical and strategic operational readiness.

The Air Force order is the first military contract for the JetStar since it won an Air Force competition in October. The five "UCX" jet planes will be delivered in mid-1961.

Rocket Company Elects Dr. Brunetti

Dr. Cleo Brunetti, Vice President and General Manager of the Grand Central Rocket Co., has been elected President of the Redlands, Calif., propulsion firm.

Maj. Gen. John W. Sessums, USAF-Ret., is Chairman of the Board.

Dr. Brunetti has been Managing Director of Engineering, Research and Development for General Mills, Inc., and Associate Director of Stanford Research Institute, Menlo Park, Calif.

He spent eight years at the National Bureau of Standards in Washington as head of the Ordnance Development, Production Engineering and finally as Chief of Engineering Electronics. During WWII he was one of the leaders of V.T. or Proximity Fuse in Washington—a major, secret weapon at that time.

He is a special consultant to the Assistant Secretary of Defense for Research and Engineering and has been Chairman or member of many Defense Committees.

Dr. Brunetti served as a member of a special group of National Scientists assigned to Woods Hole, Massachusetts, two years ago to study the complete military picture and future for the National Academy of Sciences, National Research Council, under the sponsorship of the Air Force.

A. V. Roe Air Group Opens D. C. Office

Establishment of Washington representation for the Aeronautical Group of companies of A. V. Roe Canada Limited has been announced by Harvey R. Smith, Executive Vice-President, Aeronautical, A. V. Roe Canada Limited.

The Future Products Defense Manager of the Aeronautical Group, John R. Douglas has been appointed as Washington Representative. The Aeronautical Group of A. V. Roe Canada Limited comprises Avro Aircraft Limited, Orenda Engines Limited, Orenda Industrial Limited, Canadian Steel Improvement Limited and Canadian Applied Research Limited, all of the Metropolitan Toronto area.

Prior to joining Avro Aircraft Limited in 1954, Mr. Douglas was the Canadian Government's Washington Representative for the Department of Defense Production.

PL 810 Retirements

The Army has placed the following named National Guard and Reserve officers on the retired list upon their attainment of age 60 and completion of at least 20 years creditable service as provided under Title III, PL 810, 80th Congress:

Colonel

Lowe, D R Kosicki, Bernard A
Phillips, Raynold E Raemon, Lewis J
Kelly, Ira D S Jones, James M
Masters, Raymond M

Lieutenant Colonel

Finch, Ernest D, Jr DeVoe, Jay J
Wakeman, Maurice M Cottrell, Turner R

Major

Johnson, Rowe Westmoreland, G W
Hesselberg, A L Whitmore, Marion C
Lindemann, T T

Captain

Perez, Manuel S Grivas, James N
Also retired under this law is Sgt Juan C
Ortis, (NG)

Lycoming Gets AF Contract For "Chinook" Turbine

A \$7.2 million contract for development and qualification of a higher rated gas turbine engine has been awarded to Lycoming Division, Avco Corporation, by the Air Force, it is announced by James R. Kerr, Lycoming President.

The award, made by the Air Materiel Command, Aeronautical Systems Center, Wright-Patterson AFB, Ohio, is for a 2,200 shaft horsepower T55-L-5 engine which will power the Army's new three-twin turbine YHC-1B "Chinook" helicopter being developed by Vertol.

Work on the engine had already started under a previous letter contract. It recently passed its 50-hour preliminary flight rating test one month ahead of schedule. First deliveries will be made in August.

The T55-L-5, which weighs 570 pounds including integral oil tanks and coolers, provides a power-to-weight ratio of 3.87, the highest of any engine in its class. It incorporates the Lycoming "Universal" concept which allows the same basic engine to be used for either helicopter, turboprop or high-speed applications.

BENDIX NAMES CDR.

Karl F. Kellerman, a WWII Navy Commander and former Assistant to the Vice President of Engineering, has been appointed Assistant to A. P. Fontaine, Executive Vice President of The Bendix Corporation, Detroit.

After the war, he was named Executive Director of the Committee on Guided Missiles for the Research & Development Board, Office of the Secretary of Defense, and joined Bendix in 1955.

Dr. Roth Of ABMA Is Research Chief

Dr. Ludwig Roth, former German rocket developer and Assistant Director of the Army Ballistic Missile Agency at Redstone Arsenal, Ala., has joined Northrop Corporation as Director of Research in the Company's Norair Division at Hawthorne, Calif.

He reports to George F. Douglas, Northrop Vice President of Engineering.

For three years prior to joining Northrop, Dr. Roth was Chief Engineer at Solar Aircraft Company in San Diego.

After taking advanced degrees from the Technische Hochschule at Darmstadt, Dr. Roth joined the German Research Institute for Glider Aircraft in 1933.

In 1939 he was transferred to the famous German missile development center at Peenemuende, where he was Chief of Preliminary Design under Dr. Werner Von Braun. In 1943 he was appointed Project Manager for the Wasserfall surface-to-air missile weapon system.

Dr. Roth came to the U. S. in 1945 and was appointed Chief of Preliminary Design for Army missile projects at Ft. Bliss, Tex.

In 1950 he was transferred to Redstone. From 1952 to 1956 he was Assistant Director under Dr. Von Braun.

Soviets Have 2½ To One Advantage In Military Manpower; Weapons Compared

CHAIRMAN Lyndon Johnson (D-Tex) of the Senate Preparedness Subcommittee says "A detailed comparison of Soviet and U. S. ground force abilities makes it clear that the U. S. only has plans to fight atomic age ground warfare, while the Red Army is equipped to make plans reality."

In a report calling for a new study of U. S. Army and Marine Corps modernization needs, the Preparedness Subcommittee said, "With lesser manpower, it is essential that U. S. ground forces be equipped with superior manpower, mobility and strategic planning."

The Soviets have a ground force of 2,500,000 men, the Committee noted, compared with the "overall U. S. ground forces" strength of 1,045,000 (870,000 in the Army, 175,000 in the Marine Corps), or a ratio of 2½ to 1.

Here is a comparison of major items of U. S. and Soviet Army equipment, as released by the Subcommittee, together with status report on the "availability" of the equipment:

Item	Soviet	Comparison	United States
Small arms (7.62-mm. automatic weapons, rifles, and machine-guns).	In the hands of troops.	Rate of fire, weight and magazine load comparable.	M-14 rifle and M-60 machinegun not yet in hands of troops. Quantity production started in 1960.
Recoilless weapons	107-mm. recoilless rifles in hands of troops.	Armor penetration, range, and weight comparable.	106-mm. recoilless rifles in the hands of troops. Soviets have many times as many comparable weapons in hands of troops.
Medium tanks . . .	T-54 (100-mm. gun) tanks in hands of troops.	Armor penetration, cruise range, and weight comparable.	M-60 (105-mm. gun) tank not yet in hands of troops. Quantity production started in 1960.
Heavy tanks	T-10 (122-mm. gun) tanks in hands of troops.	Soviet tank superior to United States tank in armor thickness, cruise range, and weight.	M-103 (120-mm. gun) tank in hands of troops. Soviets have many times the number heavy tanks in hands of troops.
Self-propelled multiple rocket launcher.	240-mm. self-propelled rocket launcher in hands of troops.	United States has nothing comparable.	No counterpart.
Self-propelled medium artillery.	J SU-152 (152 mm.); self-propelled, in hands of troops.	U.S. weapon to be superior to Soviet weapon in range, cruise range, and weight.	T-196 (155-mm.) self-propelled, not in hands of troops.
Heavy artillery . . .	203-mm. gun howitzer (towed) in hands of troops.	U.S. weapon to be superior to Soviet weapon in range and cruise range.	T-235 (175-mm. self-propelled) gun not in hands of troops.
Air defense weapons (2d generation).	SA-4 (surface-to-air missile) not in hands of troops.	Altitude and range capabilities and warheads comparable. HERCULES superior.	NIKE-HERCULES (surface-to-air missile) in hands of troops.
Artillery rockets . . .	15 - nautical-mile rockets in hands of troops.	Range and accuracy comparable.	HONEST JOHN rocket in hands of troops. Soviets have greater number of artillery rockets in the hands of troops.
Corps support weapons (rockets).	S CUD (SS-11) rocket in hands of troops.	Range and accuracy comparable. Soviet weapon superior to U. S. weapon in emplacement time.	CORPORAL (rocket) in hands of troops. Soviets have many times as many comparable weapons in hands of troops. SERGEANT (rocket) not in hands of troops. PERSHING (rocket) not in hands of troops.
Field army weapon (rocket).	SS-3 rocket in hands of troops.	Soviet weapon has superior range; U. S. weapon will have greater accuracy and better emplacement time.	M-113 not in hands of troops. United States has M59 APC now in hands of troops. This vehicle is inferior to the Soviet vehicle.
Armored personnel carriers.	BTR-50P in hands of troops.	Range, payload, weight, and amphibious capabilities comparable.	Truck 5-ton M-54 in hands of troops. United States has many times as many trucks in hands of troops.
General purpose vehicle.	YAZ-214 in hands of troops.	Payload and weight comparable.	M-88 not in hands of troops. United States has M-51 and M-74 tank recovery vehicles in hands of troops. These vehicles are inferior to the Soviet vehicle.
Tank recovery vehicle.	Medium tank recovery vehicle in hands of troops.	Soviet vehicle superior in weight. Cruise range comparable.	Beaver (L-20) in hands of troops. Soviet has many times as many aircraft in hands of troops.
Utility aircraft . . .	Creek (VAK-12) in hands of troops.	U.S. aircraft is superior in range, cruise speed, and payload.	Caribou (AC-1) not in hands of troops.
Light cargo aircraft	Crate (IL-14) in hands of troops.	Cruise speed comparable. Soviet aircraft superior range. U. S. aircraft superior in load capacity.	

HOUND DOG COURSES AT CHANUTE

A FULL complement of 17 GAM-77 Hound Dog missile courses with more than 300 students is now in operation at the Chanute AFB, Ill. Technical Training Center. This summer Chanute will send six mobile Training Units to begin supplementary training of personnel at SAC bases.

More than 100 instructors are assigned to the Hound Dog training program.

The missile, which had its first successful live firing in April of 1959, is undergoing test flights at Eglin AFB, Fla.

AIRLIFT IS UNDER SEPARATE STUDY

THE Senate Preparedness Subcommittee touched on airlift needs only briefly in its report on Army modernization, but noted it is studying the matter separately.

Here is what the committee said on the subject:

"The readiness of the Army is contingent on the presence of adequate airlift and airliftable modern equipment to move its forces quickly and efficiently into the troubled areas of the world."

"The Department of the Air Force is charged with the responsibility for the actual airlift. This important matter is the subject of separate inquiry as the issues are distinct from those of modernizing our ground forces. Therefore, the discussion herein with respect to aircraft is confined to tactical and organic aircraft assigned to and operated by the Army forces as an integral part of the units in the field."

Comptroller Acts On Retired Pay

Comptroller General Joseph Campbell has expanded on a series of legal decisions which grant maximum retired pay to Regular and disability retired Reserve officers who served in both WW I and WW II, but deny the same benefits to all other Reserve and National Guard officers.

Mr. Campbell, replying on the U. S. Court of Claims case of *Jackway v. U. S.*, told the Army that an enlisted man who is raised to his permanent Reserve officer grade upon retirement for physical disability under the Career Compensation Act of 1949, can gain maximum retired benefits of that officer grade if he had service in both World Wars.

The maximum retired pay is authorized under the Pay Readjustment Act of 1942 to officers who served in the Armed Forces prior to 12 November 1918, and who were retired after service in WW II or later.

Reserve officers not retired for disability cannot receive the maximum 75% retired pay on the basis of their service in the two wars.

A suit to secure these benefits for Reservists who served in both WW I and WW II will be considered by the U. S. Court of Claims this October.

The new ruling (B-142321), extends the retired pay benefits of the 1942 act to all Reservists retired for disability under the Career Compensation Act of 1949.

INTERNAL MISSION:

M/G Rich Of Utah Heads Guard Study

Maj. Gen. James F. Cantwell of New Jersey, President of the Adjutants General Association, has announced the appointment of a committee to study the possibility of modification of the present National Guard training requirements "for a secondary mission of internal security and recovery."

The committee is headed by Maj. Gen. Maxwell E. Rich, Adjutant General of Utah and Past President of the Association. Other members are Maj. Gen. Almerin C. O'Hara, CG New York National Guard and CofS to the Governor, and Maj. Gen. Ronald D. McDonald, Adjutant General of Michigan.

"We must be mindful," General Cantwell declared, "that no military organization, active or reserve, will be able to function in its primary combat role until a degree of recovery has been achieved."

He added that it is important that a positive plan for recovery be developed to include programming for internal security. Recovery, he stated, will be the priority mission and every type of force will be involved in the initial stages following a nuclear strike against this country.

Reserve General Retires

Brig. Gen. Frank I. Pethick, Jr., 158 Mali Drive, North Plainfield, N. J., has retired as Commander of the 411th Engineer Brigade, Army Reserve.

General Pethick, who saw service in Europe during WWII, is General Market Supervisor for the New York Telephone Company.

Father-To-Son Bars



COL. James P. Schwartz, Arty., USAR, pins on the shoulders of his son, 2d Lt. James H. Schwartz, Arty., USAR, the same gold bars he wore when he was a second lieutenant. Young Schwartz graduated from Michigan State. They make their home at 1500 Brightwater Boulevard, St. Petersburg, Fla. Lieutenant Schwartz goes to active duty at Ft. Bliss, Tex.

MARINE "FIRST"

The first enlisted Marine ever to earn the Legion of Merit for peace-time service, M/Sgt. Charles T. Perkins, received the award last week from Secretary of the Navy William B. Franke at the Marine Barracks, Washington, D. C.

Sergeant Perkins received the honor for his work in developing an "aircraft directives configuration list system," which has now been adopted on a Navy-wide basis to meet a long standing need.

The new system uses electronic data processing techniques to record and correlate technical information on which to base modifications to Navy and Marine Corps aircraft.

Auto Insurance

From first page

in the report is the inadequate insurance coverage often sold to Armed Forces members under 25 years of age.

These personnel are now required by regulation to have liability insurance only when they wish to use their auto on a military reservation.

Pentagon officials say they are often sold policies which are good only on a military installation itself, and do not cover them while driving elsewhere.

Although Defense Department experts say there is an apparent need for greater liability coverage for many Service members, they say they have not fully solved all the legal questions involved before they can require such coverage among all military personnel.